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ABSTRACT

This report is the sixth of a series of reports having to do with item studies of the Sequential Tests of Educational Progress (STEP) regularly administered to students in grades four, six, eight, ten, and twelve enrolled in the public school system in Hawaii. The item study summaries prepared for achievement tests administered at the various grade levels involved fifteen separate tests, 900 test items, and 65 thousand individual students. Since each student took three achievement tests, an item count was made for approximately 196 thousand students. This report is in two sections: Part I presents the item study summaries by grades and subject areas for the state; Part II presents the item study summaries by grades and subject areas for each of the seven districts. (WR)

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ITEM STUDY SUMMARY REPORT SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS (STEP)

Reading, Mathematics and Writing
For Grades 4, 6, 8, 10 and 12
By State and District
School Year 1970-1971

RESEARCH REPORT NO. 77

OFFICE OF INSTRUCTIONAL SERVICES
DEPARTMENT OF EDUCATION · STATE OF HAWAII · 1971

CS 000368

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ITEM STUDY SUMMARY REPORT SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS (STEP)

Reading, Mathematics and Writing
For Grades 4, 6, 8, 10 and 12
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RESEARCH REPORT NO. 77

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TABLE OF CONTENTS

	Page
Introduction	1
Part I	
Section A. State Item Study Summaries	2
Grade 4, Reading, Mathematics and Writing	6
Grade 6, " " "	12
Grade 8, " " "	18
Grade 10, " " "	24
Grade 12, " " "	30
Section B. State Item Study Summaries by Subject Areas	
Introduction	36
STEP Reading Test	
Explanation of Categories	37
Item Study Summary for Grades 4 - 12	38
Summary - Results and Trends	39
STEP Mathematics Test	
Explanation of Categories	41
Item Study Summary for Grades 4 - 12	44
Summary - Results and Trends	45
STEP Writing Test	
Explanation of Categories	47
Item Study Summary for Grades 4 - 12	48
Summary - Results and Trends	49
General Summary.	52
Part II District Item Study Summaries by Subject and Grade	53
A. Honolulu District	54
B. Central District	84
C. Leeward District	114
D. Windward District	144
E. Hawaii District	174
F. Maui District	204
G. Kauai District	234

LIST OF TABLES

Table		Page
	State Item Study Summaries by Grades	
1	STEP Reading for Grade 4	6
2	STEP Mathematics for Grade 4	8
3	STEP Writing for Grade 4	10
4	STEP Reading for Grade 6	12
5	STEP Mathematics for Grade 6	14
6	STEP Writing for Grade 6	16
7	STEP Reading for Grade 8	18
8	STEP Mathematics for Grade 8	20
9	STEP Writing for Grade 8	22
10	STEP Reading for Grade 10	24
11	STEP Mathematics for Grade 10	26
12	STEP Writing for Grade 10	28
13	STEP Reading for Grade 12	30
14	STEP Mathematics for Grade 12	32
15	STEP Writing for Grade 12	34
	State Item Study Summaries by Subject Areas	
16	STEP Reading for Grades 4 - 12	38
17	STEP Mathematics for Grades 4 - 12	44
18	STEP Writing for Grades 4 - 12	48
	District Item Study Summaries by Subject and Grade	
	Honolulu District	
19	STEP Reading for Grade 4	54
20	STEP Mathematics for Grade 4	56
21	STEP Writing for Grade 4	58
22	STEP Reading for Grade 6	60
23	STEP Mathematics for Grade 6	62
24	STEP Writing for Grade 6	64
25	STEP Reading for Grade 8	66
26	STEP Mathematics for Grade 8	68
27	STEP Writing for Grade 8	70

LIST OF TABLES--2

Table		Page
	Honolulu District (cont'd)	
28	STEP Reading for Grade 10	72
29	STEP Mathematics for Grade 10	74
30	STEP Writing for Grade 10	76
31	STEP Reading for Grade 12	78
32	STEP Mathematics for Grade 12	80
33	STEP Writing for Grade 12	82
	Central District	
34	STEP Reading for Grade 4	84
35	STEP Mathematics for Grade 4	86
36	STEP Writing for Grade 4	88
37	STEP Reading for Grade 6	90
38	STEP Mathematics for Grade 6	92
39	STEP Writing for Grade 6	94
40	STEP Reading for Grade 8	96
41	STEP Mathematics for Grade 8	98
42	STEP Writing for Grade 8	100
43	STEP Reading for Grade 10	102
44	STEP Mathematics for Grade 10	104
45	STEP Writing for Grade 10	106
46	STEP Reading for Grade 12	108
47	STEP Mathematics for Grade 12	110
48	STEP Writing for Grade 12	112
	Leeward District	
49	STEP Reading for Grade 4	114
50	STEP Mathematics for Grade 4	116
51	STEP Writing for Grade 4	118
52	STEP Reading for Grade 6	120
53	STEP Mathematics for Grade 6	122
54	STEP Writing for Grade 6	124
55	STEP Reading for Grade 8	126
56	STEP Mathematics for Grade 8	128
57	STEP Writing for Grade 8	130
58	STEP Reading for Grade 10	132
59	STEP Mathematics for Grade 10	134
60	STEP Writing for Grade 10	136

LIST OF TABLES--3

Table		Page
	Leeward District (cont'd)	
61	STEP Reading for Grade 12	138
62	STEP Mathematics for Grade 12	140
63	STEP Writing for Grade 12	142
	Windward District	
64	STEP Reading for Grade 4	144
65	STEP Mathematics for Grade 4	146
66	STEP Writing for Grade 4	148
67	STEP Reading for Grade 6	150
68	STEP Mathematics for Grade 6	152
69	STEP Writing for Grade 6	154
70	STEP Reading for Grade 8	156
71	STEP Mathematics for Grade 8	158
72	STEP Writing for Grade 8	160
73	STEP Reading for Grade 10	162
74	STEP Mathematics for Grade 10	164
75	STEP Writing for Grade 10	166
76	STEP Reading for Grade 12	168
77	STEP Mathematics for Grade 12	170
78	STEP Writing for Grade 12	172
	Hawaii District	
79	STEP Reading for Grade 4	174
80	STEP Mathematics for Grade 4	176
81	STEP Writing for Grade 4	178
82	STEP Reading for Grade 6	180
83	STEP Mathematics for Grade 6	182
84	STEP Writing for Grade 6	184
85	STEP Reading for Grade 8	186
86	STEP Mathematics for Grade 8	188
87	STEP Writing for Grade 8	190
88	STEP Reading for Grade 10	192
89	STEP Mathematics for Grade 10	194
90	STEP Writing for Grade 10	196
91	STEP Reading for Grade 12	198
92	STEP Mathematics for Grade 12	200
93	STEP Writing for Grade 12	202

LIST OF TABLES--4

Table		Page
	Maui District	
94	STEP Reading for Grade 4	204
95	STEP Mathematics for Grade 4	206
96	STEP Writing for Grade 4	208
97	STEP Reading for Grade 6	210
98	STEP Mathematics for Grade 6	212
99	STEP Writing for Grade 6	214
100	STEP Reading for Grade 8	216
101	STEP Mathematics for Grade 8	218
102	STEP Writing for Grade 8	220
103	STEP Reading for Grade 10	222
104	STEP Mathematics for Grade 10	224
105	STEP Writing for Grade 10	226
106	STEP Reading for Grade 12	228
107	STEP Mathematics for Grade 12	230
108	STEP Writing for Grade 12	232
	Kauai District	
109	STEP Reading for Grade 4	234
110	STEP Mathematics for Grade 4	236
111	STEP Writing for Grade 4	238
112	STEP Reading for Grade 6	240
113	STEP Mathematics for Grade 6	242
114	STEP Writing for Grade 6	244
115	STEP Reading for Grade 8	246
116	STEP Mathematics for Grade 8	248
117	STEP Writing for Grade 8	250
118	STEP Reading for Grade 10	252
119	STEP Mathematics for Grade 10	254
120	STEP Writing for Grade 10	256
121	STEP Reading for Grade 12	258
122	STEP Mathematics for Grade 12	260
123	STEP Writing for Grade 12	262
Figure 1	Number of Test Items ABOVE, BELOW or EQUAL to the Publisher's Norms for Grades 4 to 12 in Hawaii's Schools from 1965-1970	51

ITEM STUDY SUMMARY REPORT
SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS (STEP)
Reading, Mathematics and Writing
For Grades 4, 6, 8, 10 and 12
By State and District
School Year 1970-1971

INTRODUCTION

This report is the sixth of our series having to do with item studies of the Sequential Tests of Educational Progress regularly administered to our students.

An item study of standardized test results provides one important objective clue as to the strengths and weaknesses of various parts of the instructional program. It is an extremely valuable tool for the classroom teacher, the administrator and the curriculum planner. Hence, the purpose of this item study summary report is to help point out those concepts, skills, understandings and activities that may need further emphasis in our instructional planning.

Item study listings and summaries have been prepared by the electronic computer, thus, relieving the teacher and students of much clerical work. The item study summaries prepared for the achievement test administered at the various grade levels this year involved 15 separate tests, 900 test items, and 65,000 individual students. Since each student took three achievement tests, an item count was made for approximately 196,000 students.

This report is in two sections -- Part I presents the item study summaries by grades and subject areas for the state, while Part II presents the item study summaries by grades and subject areas for each of the seven districts.

PART I

SECTION A. STATE ITEM STUDY SUMMARIES

This section presents item study summaries for the State of Hawaii in terms of Per Cent Correct Response for each test item for each test. The tests include STEP Reading, STEP Mathematics, and STEP Writing administered in the fall of 1970 to students in grades 4, 6, 8, 10 and 12. See Tables 1-15.

Per Cent Correct Responses for the items by the publisher (Publisher's Norms) are also included in the tables. Differences or deviations of our State norm (per cent below the publisher's norms) have been indicated with a minus(-) sign after the Per Cent Correct Response figure in the State norm column. At the end of the State column in Part 2, the total number of items with per cent above (+), per cent below (-), or per cent equal (=), is indicated. See page 7 which gives 27+, 42-, and 1= for the Reading test. The same statistics are shown on all print outs for use in comparing your school's performance with that of either the district, state or publisher's norm groups.

To facilitate the use of the item study on these tests in terms of instructional planning, items in the Skill Categories and Type of Materials used to assess these skills have been included and starred as clusters in the appropriate columns. The code (A, B, C, D, ...) and item descriptions for each category are printed in the lower left-hand corner at the end of Part 2 for each test for easy identification. This is followed by PARTS which give the number of items in each cluster category. For more detailed information, see STEP Teacher's Guide*.

---

*STEP Teacher's Guide. Educational Testing Service. Princeton, New Jersey, 1959.

The total number of items forming a cluster under each Skill Category and each Type of Material is shown at the bottom of each item description column. See page 7. Directly below that is the compiled number of items in which the State is below that of the publisher's norm with the corresponding per cent given in the third line. A per cent of 50 or more (which means half or more of the items below publisher's norm) suggests weakness in that cluster category and needs investigation to determine the kinds of concepts, skills, understandings and activities that may require emphasis. See Table 1 on page 7.

For the first time, mathematical calculations summarized by computers are printed directly at the bottom of the item description category columns in the item study summaries for each classroom section, the combined school grade, the district and the state. These should help facilitate analysis of group performance to aid in instructional planning.

Curriculum Implications

In determining the strong and weak points of students in the class, the teacher should consider the clusters of items listed under each category. He should note the frequency and extent of deviation of the per cent correct response of his class or school from the norm group used -- be that of the publisher, the school, the district or the state. If half or more of the items in a cluster category is below the comparative norm group used, investigation and action are indicated. The teacher should refer to those test items in the test booklet and study them in terms of:

(1) the skills, concepts, and understandings being taught or needing to be taught in that particular class or grade,

(2) the relevancy of the test items,

(3) the importance of these items in our curriculum, and

(4) the planning of instructional activities to meet the needs of his students.

However, he does not teach to those specific test items.

Section B. This section presents the State item study summaries by subject areas and grades.

Part II. District item study summaries for each of the seven districts are presented for each grade and subject area tested.

The same procedures given above for use with the State item study summaries should be followed in using the district, the combined school grade and the school classroom section item study summaries.

Individual School Item Study Summaries

Besides the State and District item study summaries given in this report, each school received an item study summary for each classroom section and a combined summary for each grade for the STEP Reading, Mathematics and Writing tests administered during the fall of 1970. These individual school summaries were sent to each school and also to the respective district offices to provide one important objective source of information to aid in improving the instructional program. Each school is expected to study the item study summaries prepared for each classroom section and combined grade level according to the procedures outlined above. We strongly urge each school to devote at least one faculty meeting to acquaint its staff with the use of these item study reports. In secondary schools it may be desirable to meet by departments to analyze these

reports for curriculum implications. Schools in a complex may wish to work together for more effective analysis, coordination and continuity in terms of curricular planning.

Beatrice Loui
Staff Specialist, Testing
Evaluation Branch

TABLE 1

NOVEMBER 1970

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, READING 4A

PART I — GRADE 04 — STATE OF HAWAII

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTION A	B	C	D	E	F	G	H	I	J	K	L	ITEM NO.
1	52	38			*						*				1
2	47-	54		*							*				2
3	73	72	*								*				3
4	28	10				*					*				4
5	50	46					*				*				5
6	66	62	*									*			6
7	46	45	*									*			7
8	56-	63	*									*			8
9	46-	47		*		*						*			9
10	59-	65					*					*			10
11	51	50	*					*							11
12	53	49	*					*							12
13	40=	46	*					*							13
14	56	55			*			*							14
15	50-	56					*	*							15
16	32	22		*						*					16
17	62-	72	*							*					17
18	46-	49	*							*					18
19	53-	63				*				*					19
20	52-	61				*				*					20
21	47-	52	*						*				*		21
22	20-	22		*					*				*		22
23	31-	39	*						*				*		23
24	22-	28					*		*				*		24
25	24-	40			*				*				*		25
26	40-	55	*											*	26
27	27	24					*							*	27
28	28-	34			*									*	28
29	29-	33				*								*	29
30	31-	45		*										*	30
31	19-	24					*	*	*						31
32	18-	23				*		*	*						32
33	16-	17	*					*	*						33
34	16-	24			*			*	*						34
35	16-	20	*				*	*	*						35

NOVEMBER 1970

TABLE 1 (cont.)

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, READING 4A

PART II GRADE 04 STATE OF HAWAII

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTION A	B	C	D	E	F	G	H	I	J	K	L	ITEM NO.
1	72	67	*						*						1
2	75	74		*					*						2
3	38-	40				*			*						3
4	65	60				*			*						4
5	68	64					*		*						5
6	62-	66			*					*					6
7	57-	65				*				*					7
8	54-	63		*			*			*					8
9	40	36		*			*			*					9
10	61-	69	*							*					10
11	53-	62		*								*			11
12	46	44					*					*			12
13	57-	71	*									*			13
14	63-	69			*							*			14
15	35-	40				*						*			15
16	58-	62	*								*				16
17	40	38		*							*				17
18	30	13				*					*				18
19	51-	55	*								*				19
20	39-	42					*				*				20
21	37	28				*					*				21
22	55	53			*						*				22
23	37-	44		*							*				23
24	26-	30					*				*				24
25	35	30	*								*				25
26	25	23	*					*							26
27	30	20	*					*							27
28	30-	32				*		*							28
29	31	24		*				*							29
30	31-	34					*	*							30
31	32-	39	*								*				31
32	25-	36				*					*				32
33	25	22		*							*				33
34	18	17					*				*				34
35	29-	30			*						*				35
27+, 42-, 1=															
NO. OF ITEMS			23	13	9	14	15	15	15	10	20	10	5	5	
NO. OF ITEMS BELOW			13	7	6	10	9	8	11	8	9	7	5	4	
% OF ITEMS BELOW			57$	54	67	71	60	53	73	80	45	70	100	80	

STATE TOTAL 14,454

CODE	DESCRIPTION	PARTS
A	REPRODUCE IDEAS	023
B	TRANSLATE,INFERENCES	013
C	ANALYZE MOTIVATION	009
D	ANALYZE PRESENTATION	014
E	CRITICIZE	015
F	DIRECTIONS, ANNOUNCE	015
G	INFORMATION, EXPLAIN	015
H	LETTER	010
I	STORY	020
J	POETRY	010
K	OPINION, INTERPRET	005
L	PLAY	005

$ A percent of 50 and above suggests weakness in that cluster category.

TABLE 2

NOVEMBER 1970

ITEM STUDY OF SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, SERIES 4

PART I GRADE 04 STATE OF HAWAII

ITEM NO.	% RESP CORRECT	PUBL NORM	A	B	C	D	E	F	ITEM DESCRIPTION	ITEM NO.
1	37-	45			*					1
2	63-	75	*							2
3	28	23			*					3
4	33-	43	*							4
5	31-	44			*					5
6	21	15			*					6
7	25-	42				*		*		7
8	30-	52	*							8
9	26-	40	*							9
10	60-	69		*						10
11	34-	50					*			11
12	38-	51	*							12
13	75-	80	*							13
14	38-	48	*							14
15	8-	15	*							15
16	21	19	*							16
17	60	57			*					17
18	71-	77			*					18
19	57-	50			*					19
20	40-	62				*				20
21	39-	50			*	*				21
22	20-	24	*							22
23	18-	30	*							23
24	41-	43			*					24
25	39-	67			*					25

TABLE 2 (cont.)

NOVEMBER 1970

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, [illegible]

PART II GRADE 04 STATE OF HAWAII

ITEM NO.	% RESP CORRECT	PUBL NORM	A	B	C	D	E	F	ITEM DESCRIPTION	ITEM NO.
1	32-	50	*							1
2	32-	40	*							2
3	51	35	*							3
4	24	20	*							4
5	19-	32				*				5
6	20	18				*				6
7	45	37			*					7
8	26-	39				*				8
9	20	12		*						9
10	34-	47					*	*		10
11	27	23				*		*		11
12	44-	60	*							12
13	37-	51		*						13
14	26	18	*							14
15	27	23				*				15
16	33-	53		*						16
17	32	19	*							17
18	33	32			*					18
19	33-	45			*					19
20	31-	39	*							20
21	26-	36	*							21
22	28-	52	*							22
23	24	23	*							23
24	18-	21	*							24
25	17	15			*					25

16+, 34-, 0=

NO. OF ITEMS	23	4	14	5	2	3
NO. OF ITEMS BELOW	17	3	8	5	2	2
% OF ITEMS BELOW	74	75	57	83	100	67

STATE TOTAL 14,441

CODE	DESCRIPTION	PARTS
A	NUMBER, OPERATION	023
B	SYMBOLISM	004
C	MEASUREMENT, GEOMETRY	014
D	FUNCTION, RELATION	005
E	PROOF	002
F	PROBABILITY, STATS	003

TABLE 3

NOVEMBER 1970

ITEM STUDY OF SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS. WRITING 4A

PART I GRADE 04 STATE OF HAWAII

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTION A	B	C	D	E	F	G	H	I	J	K	L	M	ITEM NO.
1	48	41		*					*							1
2	63	56		*					*							2
3	59	49		*			*		*							3
4	55-	57		*		*			*							4
5	36	35		*					*							5
6	60	55		*					*							6
7	41	25			*	*									*	7
8	36	33		*		*									*	8
9	46	43		*											*	9
10	49	47	*												*	10
11	28-	37		*											*	11
12	44	39		*											*	12
13	33	28				*	*			*				*		13
14	30	16	*	*						*				*		14
15	38-	42	*		*					*				*		15
16	28	22	*	*						*				*		16
17	45	36	*				*			*				*		17
18	35-	42	*		*					*				*		18
19	30	23	*	*					*							19
20	30	26		*			*		*							20
21	34=	34		*			*		*							21
22	31	29	*	*					*							22
23	29-	32		*		*			*							23
24	52	51		*			*		*							24
25	42=	42		*					*							25
26	34	22	*				*				*					26
27	21-	23		*		*					*					27
28	22	16	*		*						*					28
29	30	27		*		*					*					29
30	23-	25		*		*					*					30

TABLE 3 (cont.)

NOVEMBER 1970

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, WRITING 4A

PART II GRADE 04 STATE OF HAWAII

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTION A	B	C	D	E	F	G	H	I	J	K	L	M	ITEM NO.
1	35	34		*			*					*	*			1
2	36	32		*			*					*	*			2
3	37	31	*									*	*			3
4	43	37		*	*							*	*			4
5	42-	49		*		*						*	*			5
6	35	31		*					*							6
7	34-	41					*		*							7
8	34-	47				*			*							8
9	25	22		*					*							9
10	31-	33		*			*		*							10
11	33	28	*	*				*								11
12	33-	34		*				*								12
13	32	28		*		*		*								13
14	35	30		*		*		*								14
15	35	32		*				*								15
16	32-	46		*			*	*								16
17	22	09		*				*								17
18	30	29	*	*				*								18
19	31-	36		*		*				*				*		19
20	39-	41		*		*				*				*		20
21	30	12		*			*			*				*		21
22	37	32		*		*				*				*		22
23	31	21					*			*				*		23
24	22	04	*							*				*		24
25	34	26	*			*				*				*		25
26	19-	21		*		*				*			*			26
27	24	16		*		*				*			*			27
28	19	16	*							*			*			28
29	26	17		*		*				*			*			29
30	30-	33		*			*			*			*			30
41+, 17-, 2=																
NO. OF ITEMS			16	45	5	19	15	8	18	18	5	5	10	13	6	
NO. OF ITEMS BELOW			2	13	2	9	4	2	5	6	2	1	3	4	1	
% OF ITEMS BELOW			13	29	40	47	27	25	28	33	40	20	30	31	17	

STATE TOTAL 14,418

CODE	DESCRIPTION	PARTS	CODE	DESCRIPTION	PARTS
A	ORGANIZATION	016	H	STORY	018
B	CONVENTIONS	045	I	ANNOUNCEMENT	005
C	CRITICAL THINKING	005	J	REPORT	005
D	EFFECTIVENESS	019	K	ESSAY, SPEECH	010
E	APPROPRIATENESS	015	L	PERSONAL NARRATIVE	013
F	MINUTES	008	M	CHARACTER STUDY	006
G	LETTER	018			

TABLE 4

NOVEMBER 1970

ITEM STUDY IN SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, [illegible]

PART I GRADE 13 STATE MINIMUM

ITEM NO.	% RESP CORRECT	PUBL NORM	A	B	C	D	E	F	G	H	I	J	K	L	ITEM NO.
1	85	87	*								*		*		1
2	85	76	*								*		*		2
3	83	75	*								*		*		3
4	84-	85			*		*				*		*		4
5	74	72									*		*		5
6	75-	73	*								*				6
7	59-	67		*							*				7
8	64-	65			*						*				8
9	71	70					*				*				9
10	69	66				*					*				10
11	61-	59	*									*			11
12	57-	68		*								*			12
13	31	29			*							*			13
14	32-	38				*						*			14
15	45	00				*						*			15
16	81=	81			*				*						16
17	76	75	*	*					*						17
18	63	61	*						*						18
19	69	66				*			*						19
20	70-	74					*		*						20
21	79	71	*	*				*	*						21
22	70=	70	*					*	*						22
23	76	69			*			*	*						23
24	74-	75	*					*	*						24
25	45-	46					*	*	*						25
26	59	56	*								*				26
27	51	45		*							*				27
28	54	53					*				*				28
29	59	51		*							*				29
30	51-	54		*							*				30
31	48	47	*							*					31
32	19-	25		*						*					32
33	40	32			*					*					33
34	29-	37			*					*					34
35	50	44					*			*					35

TABLE 4 (cont.)

NOVEMBER 1970

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, [illegible]

PART II GRADE 06 STATE OF HAWAII

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTION A	B	C	D	E	F	G	H	I	J	K	L	ITEM NO.
1	79-	86	*								*				1
2	66-	74	*								*				2
3	76-	82		*							*				3
4	61-	60			*						*				4
5	78-	87			*	*					*				5
6	78-	85	*							*					6
7	55-	57		*						*					7
8	86-	89				*				*					8
9	62	58			*					*					9
10	85-	90				*				*					10
11	80-	84		*				*	*						11
12	71	67	*				*	*	*						12
13	27-	34	*	*				*	*						13
14	55-	67			*			*	*						14
15	49-	69					*	*	*						15
16	60	58	*									*			16
17	74-	77			*							*			17
18	77-	91		*								*			18
19	59	58					*					*			19
20	68-	72			*							*			20
21	56-	67	*						*		*				21
22	41=	41	*				*		*		*				22
23	76	69			*				*		*				23
24	58-	64		*					*		*				24
25	35	33				*			*		*				25
26	63-	72		*										*	26
27	70	65	*											*	27
28	49-	57			*									*	28
29	53	48			*									*	29
30	63-	67				*								*	30
31	63	58	*						*				*		31
32	43	40		*					*				*		32
33	38	27			*				*				*		33
34	28-	33				*			*				*		34
35	47	44					*		*				*		35
32+, 35-, 3=															
NO. OF ITEMS			22	16	17	10	11	10	25	10	25	10	10	5	
NO. OF ITEMS BELOW			8	11	9	6	4	6	10	6	12	6	6	3	
% OF ITEMS BELOW			36	69	53	60	36	60	40	60	48	60	60	60	

STATE TOTAL 14,061

CODE	DESCRIPTION	PARTS
A	REPRODUCE IDEAS	022
B	TRANSLATE, INFERENCES	016
C	ANALYZE MOTIVATION	017
D	ANALYZE PRESENTATION	010
E	CRITIZE	011
F	DIRECTIONS, ANNOUNCE	010
G	INFORMATION, EXPLAIN	025
H	LETTER	010
I	STORY	025
J	POETRY	010
K	OPINION, INTERPRET	010
L	PLAY	005

NOVEMBER 1970

TABLE 5

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, GAIN 70

PART I GRADE 05 STATE OF HAWAII

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTORS A	B	C	D	E	F	ITEM NO.
1	58-	67				*			1
2	30-	34				*			2
3	49-	53				*			3
4	24-	33				*			4
5	35-	48				*			5
6	60-	65					*		6
7	44	22	*						7
8	61	26	*	*					8
9	80-	89			*				9
10	82	75		*					10
11	59-	63			*				11
12	32-	37					*		12
13	75-	78	*						13
14	41	38						*	14
15	43-	46	*						15
16	40	37			*				16
17	76-	79			*				17
18	55-	59	*						18
19	28-	34	*						19
20	74	62	*						20
21	57	55				*			21
22	65-	60				*			22
23	30-	33				*			23
24	38-	60		*	*				24
25	37-	41				*			25

TABLE 5 (cont.)

NOVEMBER 1970

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, MATH 4

PART II GRADE 04 STATE OF HAWAII

ITEM NO.	% RESP CORRECT	PUBL NORM	A	B	C	D	E	F	ITEM DESCRIPTION	ITEM NO.
1	48-	54			*					1
2	78-	84	*							2
3	74	72	*							3
4	46-	55	*							4
5	40-	59	*							5
6	39-	56					*			6
7	89-	97	*							7
8	40	34				*				8
9	47	45			*					9
10	85	80				*				10
11	51-	64				*		*		11
12	59-	60				*		*		12
13	42-	45				*		*		13
14	61	58	*	*						14
15	31	29	*	*						15
16	52-	55			*					16
17	74-	80	*							17
18	47-	62	*							18
19	40=	40	*							19
20	30	25				*				20
21	46	38			*					21
22	64-	67				*				22
23	37	34	*							23
24	61-	66	*		*					24
25	54-	58	*							25
16+, 33-, 1=										
NO. OF ITEMS			20	5	10	16	3	4		
NO. OF ITEMS BELOW			12	1	7	12	3	3		
% OF ITEMS BELOW			60	20	70	75	100	75		

STATE TOTAL 14,044

CODE	DESCRIPTION	PARTS
A	NUMBER,OPERATION	020
B	SYMBOLISM	005
C	MEASUREMENT,GEOMETRY	010
D	FUNCTION, RELATION	016
E	PROOF	003
F	PROBABILITY, STATS	004

NOVEMBER 1970

TABLE 6

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, [illegible]

PART I GRADE 06 STATE OF HAWAII

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTION A	B	C	D	E	F	G	H	I	J	K	L	M	ITEM NO.
1	68	59			*	*				*					*	1
2	49-	61		*		*				*					*	2
3	43-	42		*			*			*					*	3
4	54-	61		*						*					*	4
5	54	53	*			*				*					*	5
6	47	45	*			*				*					*	6
7	62-	60		*		*				*					*	7
8	60-	66			*	*				*						8
9	27	21				*	*			*						9
10	57	56		*		*				*						10
11	34-	33		*		*				*						11
12	64-	67	*			*				*						12
13	71	51			*		*			*						13
14	39-	49		*		*						*				14
15	53	52		*	*							*				15
16	44=	44			*	*						*				16
17	64-	65			*							*				17
18	32-	40	*			*						*				18
19	38-	58	*	*								*				19
20	68	59		*					*							20
21	77	76		*					*							21
22	59	59		*			*		*							22
23	53=	53				*	*		*							23
24	50-	56					*		*							24
25	46-	50		*			*		*							25
26	52	48	*		*						*					26
27	51-	52		*		*					*					27
28	40	36		*		*					*					28
29	59	55	*		*						*					29
30	49-	54		*			*				*					30

TABLE 6 (cont.)

NOVEMBER 1970

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, WRITING

PART II GRADE 05 STATE OF HAWAII

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTION A	B	C	D	E	F	G	H	I	J	K	L	M	N	ITEM NO.
1	24-	40	*	*					*								1
2	48	46	*				*		*								2
3	69-	70		*			*		*								3
4	38-	40			*		*		*								4
5	42-	45		*		*			*								5
6	60-	63	*				*		*								6
7	62	56	*		*										*	*	7
8	63	62		*		*									*	*	8
9	76-	82					*								*	*	9
10	63	62	*		*										*	*	10
11	56=	59		*											*	*	11
12	72-	76		*		*									*	*	12
13	54-	62		*		*									*	*	13
14	49-	53		*		*		*									14
15	45-	51		*		*		*									15
16	40-	56		*	*			*									16
17	45-	54		*		*		*									17
18	50-	53		*		*		*									18
19	49	44	*		*			*									19
20	50-	54		*		*				*					*		20
21	32-	37	*			*				*					*		21
22	51-	65		*		*				*					*		22
23	37-	47		*		*				*					*		23
24	41-	52		*		*				*					*		24
25	58-	60	*				*			*					*		25
26	44-	46			*	*							*	*			26
27	57	46	*			*							*	*			27
28	48-	54		*		*							*	*			28
29	37-	41		*			*						*	*			29
30	39	36		*		*							*	*			30
20+, 37-, 3=																	
NO. OF ITEMS			16	35	14	43	15	6	12	19	5	6	5	5	20	7	
NO. OF ITEMS BELOW			7	26	5	22	10	5	7	13	2	4	3	3	13	3	
% OF ITEMS BELOW			44	74	36	67	67	83	58	68	40	67	60	60	65	43	

STATE TOTAL 14,037

CODE	DESCRIPTION	PARTS	CODE	DESCRIPTION	PARTS
A	ORGANIZATION	016	H	STORY	019
B	CONVENTIONS	035	I	ANNOUNCEMENT	005
C	CRITICAL THINKING	014	J	EDITORIAL	006
D	EFFECTIVENESS	033	K	DIRECTIONS	005
E	APPROPRIATENESS	015	L	NEWS STORY	005
F	MINUTES	006	M	PERSONAL NARRATIVE	020
G	LETTER	012	N	CHARACTER STUDY	007

TABLE 7

NOVEMBER 1970

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, READING 3A

PART I GRADE 05 STATE OF HAWAII

ITEM NO.	% RESP CORRECT	PUBL NORM	A	B	C	D	E	F	G	H	I	J	K	L	ITEM NO.
1	59	54					*			*					1
2	63-	65				*				*					2
3	90=	90	*							*					3
4	68-	81		*						*					4
5	90-	95			*					*					5
6	77-	83	*					*							6
7	38-	39	*					*							7
8	58-	62				*		*							8
9	33=	33					*	*							9
10	56-	61		*				*							10
11	62-	66	*								*				11
12	70-	72				*					*				12
13	30	27		*							*				13
14	50	49					*				*				14
15	24	13					*				*				15
16	85-	76	*						*		*				16
17	66=	66	*						*		*				17
18	51	40			*				*		*				18
19	48	43				*			*		*				19
20	25	10				*			*		*				20
21	53-	57	*										*		21
22	44-	53			*								*		22
23	53	52		*									*		23
24	40	39				*							*		24
25	38-	44					*						*		25
26	36-	45	*									*			26
27	30	24				*						*			27
28	49	38		*								*			28
29	31-	46					*					*			29
30	34	27		*	*							*			30
31	56-	61	*								*				31
32	18	15		*							*				32
33	32	24			*						*				33
34	40	31				*					*				34
35	44	35					*				*				35

TABLE 7 (cont.)

NOVEMBER 1970

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, READING 69

PART II GRADE 06 STATE OF HAWAII

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTION A	B	C	D	E	F	G	H	I	J	K	L	ITEM NO.
1	63-	66	*								*				1
2	64-	73			*						*				2
3	61-	62		*							*				3
4	44=	44				*					*				4
5	39-	48				*					*				5
6	79-	84	*											*	6
7	65-	81		*										*	7
8	68-	72				*								*	8
9	57-	66					*							*	9
10	54-	56					*							*	10
11	63-	65		*		*						*			11
12	41	40					*					*			12
13	56	53				*						*			13
14	43	41		*								*			14
15	52	48	*									*			15
16	45-	50	*								*				16
17	60-	74		*							*				17
18	64-	62			*						*				18
19	55-	57				*					*				19
20	62-	74					*				*				20
21	69-	70			*			*							21
22	48-	56	*					*							22
23	50	47		*				*							23
24	56-	70				*		*							24
25	51=	51					*	*							25
26	45-	50	*							*			*		26
27	57-	67			*					*			*		27
28	46-	55				*				*			*		28
29	72-	84		*			*			*			*		29
30	27	18				*	*			*			*		30
31	39=	39		*					*						31
32	40	36	*						*						32
33	35	28					*		*						33
34	43-	48				*			*						34
35	34	29			*				*						35
25+, 39-, 6=															
NO. OF ITEMS			16	15	10	18	15	10	10	10	25	10	10	5	
NO. OF ITEMS BELOW			12	7	6	10	6	7	2	7	13	3	7	5	
% OF ITEMS BELOW			75	47	60	56	40	70	20	70	52	30	70	100	

STATE TOTAL 13,170

CODE	DESCRIPTION	PARTS
A	REPRODUCE IDEAS	016
B	TRANSLATE, INFERENCE	015
C	ANALYZE MOTIVATION	010
D	ANALYZE PRESENTATION	018
E	CRITICIZE	015
F	DIRECTIONS, ANNOUNCE	010
G	INFORMATION, EXPLAIN	010
H	LETTER	010
I	STORY	025
J	POETRY	010
K	OPINION, INTERPRET	010
L	PLAY	005

NOVEMBER 1970

TABLE 8

ITEM STUDY OF SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, [illegible]

PART I GRADE 05 STATE OF HAWAII

ITEM NO.	% RESP CORRECT	PUBL NORM	A	B	C	D	E	F	ITEM DESCRIPTION	ITEM NO.
1	85	79		*						1
2	81	80		*						2
3	53=	53		*						3
4	59=	59		*						4
5	50	37		*			*			5
6	35-	50			*					6
7	35-	47		*		*				7
8	46	44		*		*				8
9	76	67				*				9
10	59	57				*				10
11	66-	82				*		*		11
12	67-	74				*		*		12
13	42	40				*		*		13
14	50	49				*		*		14
15	50	45				*		*		15
16	27-	42				*				16
17	61-	73	*			*				17
18	39	34	*			*				18
19	28-	30	*			*				19
20	40	36			*					20
21	50-	56				*				21
22	14	11					*	*		22
23	25	19			*					23
24	26=	26			*					24
25	21-	25			*					25

TABLE 8 (cont.)

NOVEMBER 1970

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, MATH A

PART II GRADE 08 STATE OF HAWAII

ITEM NO.	% RESP CORRECT	PUBL NORM	A	B	C	D	E	F	ITEM DESCRIPTION	ITEM NO.
1	48-	70			*					1
2	55-	62			*					2
3	39-	50	*							3
4	41-	42				*				4
5	31-	42	*							5
6	40-	57					*			6
7	46-	56	*							7
8	38-	50	*							8
9	45	41		*		*				9
10	69-	72				*		*		10
11	48-	55				*				11
12	17-	18				*		*		12
13	33=	33				*		*		13
14	42-	49			*					14
15	46-	48			*					15
16	30-	40			*					16
17	36	32	*							17
18	57-	67					*			18
19	49	45			*					19
20	29	27				*				20
21	12	04			*					21
22	11	06				*				22
23	43	36			*					23
24	25	20			*					24
25	38-	46			*					25

21+, 25-, 4=

NO. OF ITEMS	8	8	15	22	4	9	
NO. OF ITEMS BELOW	6	1	8	11	2	4	
% OF ITEMS BELOW	75	13	53	50	50	44	

STATE TOTAL 13,198

CODE	DESCRIPTION	PARTS
A	NUMBER,OPERATION	008
B	SYMBOLISM	006
C	MEASUREMENT,GEOMETRY	015
D	FUNCTION,RELATION	022
E	PROOF	004
F	PROBABILITY, STATS	009

TABLE 9

NOVEMBER 1970

ITEM STUDY IN SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, [illegible]

PART I GRADE [illegible] STATE [illegible]

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTIVE														ITEM NO.
			A	B	C	D	E	F	G	H	I	J	K	L	M		
1	84	83		*				*									1
2	71	66	*				*	*									2
3	46-	52		*		*		*									3
4	46-	60			*	*		*									4
5	77-	78		*				*									5
6	80-	91	*		*			*									6
7	56-	61	*		*						*						7
8	40-	57		*		*					*						8
9	60-	79				*	*				*						9
10	36	31		*		*					*						10
11	36-	43				*	*				*						11
12	55	57	*			*					*						12
13	50-	67		*		*										*	13
14	38	26		*		*										*	14
15	50-	55	*		*											*	15
16	50-	61		*		*										*	16
17	45	32	*			*										*	17
18	42-	53		*		*						*		*			18
19	49=	49	*		*							*		*			19
20	44-	56		*		*						*		*			20
21	53	46				*	*					*		*			21
22	19-	27	*			*						*		*			22
23	36-	53		*		*						*		*			23
24	25	18		*								*		*			24
25	39-	56	*			*				*							25
26	48	46		*		*				*							26
27	38-	47	*	*						*							27
28	47-	64		*			*			*							28
29	57-	68				*	*			*							29
30	51-	56	*		*					*							30

NOVEMBER 1970

TABLE 9 (cont.)

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, [illegible]

PART II GRADE 08 STATE OF HAWAII

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTION A	B	C	D	E	F	G	H	I	J	K	L	M	ITEM NO.
1	27-	37	*	*				*				*				1
2	35	31		*		*		*				*				2
3	27-	30		*				*				*				3
4	38	30	*			*		*				*				4
5	28-	49	*			*		*				*				5
6	56-	59	*				*	*				*				6
7	67	57		*		*							*	*		7
8	34-	41		*		*							*	*		8
9	56-	60	*		*								*	*		9
10	46-	57	*	*									*	*		10
11	36-	47		*		*							*	*		11
12	55-	74	*		*								*	*		12
13	48-	52	*			*							*	*		13
14	47-	53			*		*							*	*	14
15	30	16	*			*								*	*	15
16	34-	38	*				*							*	*	16
17	47	46	*		*									*	*	17
18	33	31	*				*							*	*	18
19	39-	41	*		*									*	*	19
20	30=	30		*										*	*	20
21	45	44	*				*		*							21
22	40=	40		*		*			*							22
23	30	22				*	*		*							23
24	39	34	*	*					*							24
25	36	34	*				*		*							25
26	41-	54		*			*		*							26
27	66-	73			*	*								*		27
28	59-	64	*			*								*		28
29	36-	38		*		*								*		29
30	49-	60	*			*								*		30
19+, 36-, 3=																
NO. OF ITEMS			29	27	12	33	14	12	6	5	6	13	7	25	12	
NO. OF ITEMS BELOW			13	17	10	21	8	8	1	5	4	8	6	17	6	
% OF ITEMS BELOW			62	63	83	64	57	67	17	83	67	62	86	68	50	

STATE TOTAL 13,179

CODE	DESCRIPTION	PARTS	CODE	DESCRIPTION	PARTS
A	ORGANIZATION	029	H	STORY	006
B	CONVENTIONS	027	I	ANNOUNCEMENT	006
C	CRITICAL THINKING	012	J	DIRECTIONS	013
D	EFFECTIVENESS	035	K	REPORT	007
E	APPROPRIATENESS	014	L	ESSAY, SPEECH	025
F	LETTER	012	M	PERSONAL NARRATIVE	012
G	QUESTIONNAIRE	006			

TABLE 10

NOVEMBER 1970

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, READING 2A

PART I GRADE 10 STATE OF HAWAII

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTION A	B	C	D	E	F	G	H	I	J	K	L	ITEM NO.
1	63	47					*							*	1
2	75	71				*								*	2
3	51	45				*								*	3
4	33-	50		*										*	4
5	82	74		*										*	5
6	85-	87	*								*				6
7	44	38			*						*				7
8	49-	51				*					*				8
9	78-	85	*	*							*				9
10	79=	79				*					*				10
11	72	64		*			*		*						11
12	39-	53	*	*					*						12
13	64	41				*			*						13
14	39	36	*						*						14
15	47	43				*			*						15
16	53-	69			*								*		16
17	71	70			*								*		17
18	52-	56				*							*		18
19	41-	47		*									*		19
20	58	56				*							*		20
21	70-	77	*								*				21
22	75-	79					*				*				22
23	66-	73	*								*				23
24	42-	50				*					*				24
25	33-	55			*						*				25
26	68-	73		*						*			*		26
27	40-	45				*				*			*		27
28	59	50	*							*			*		28
29	34=	34			*					*			*		29
30	33	21				*				*			*		30
31	67	55			*							*			31
32	43	35				*						*			32
33	41-	43	*									*			33
34	25-	29		*								*			34
35	57	47				*						*			35

TABLE 10 (cont.)

NOVEMBER 1970

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, READING 2A

PART II GRADE 10 STATE OF HAWAII

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTION A	B	C	D	E	F	G	H	I	J	K	L	ITEM NO.
1	46-	52				*		*	*						1
2	48-	58	*					*	*						2
3	33-	37		*				*	*						3
4	52	49				*		*	*						4
5	53-	55			*			*	*						5
6	77-	82	*						*		*				6
7	71-	75			*				*		*				7
8	66-	78				*			*		*				8
9	63	62					*		*		*				9
10	41	39	*						*		*				10
11	67-	82			*					*					11
12	56-	60			*	*				*					12
13	56-	74	*							*					13
14	28-	35			*					*					14
15	32-	35	*							*					15
16	78-	81	*								*				16
17	66-	67		*							*				17
18	57-	76			*						*				18
19	22-	24			*		*				*				19
20	37	35				*					*				20
21	64-	73				*						*			21
22	73-	74		*								*			22
23	51	39			*							*			23
24	67-	75	*									*			24
25	56	46					*					*			25
26	37-	44				*							*		26
27	35-	44			*								*		27
28	28-	36				*							*		28
29	38-	51	*										*		29
30	24	17		*									*		30
31	60-	72	*											*	31
32	62-	68				*								*	32
33	69=	69				*								*	33
34	60=	60	*	*										*	34
35	51-	56				*								*	35
23+, 43-, 4=															
NO. OF ITEMS			18	13	15	24	6	5	15	10	20	10	15	10	
NO. OF ITEMS BELOW			14	9	10	12	2	4	8	7	15	5	9	4	
% OF ITEMS BELOW			78	69	67	50	33	80	53	70	75	50	60	40	

STATE TOTAL 12,106

CODE	DESCRIPTION	PARTS
A	REPRODUCE IDEAS	018
B	TRANSLATE, INFERENCE	013
C	ANALYZE MOTIVATION	015
D	ANALYZE PRESENTATION	024
E	CRITIZE	006
F	DIRECTIONS, ANNOUNCE	005
G	INFORMATION, EXPLAIN	015
H	LETTER	010
I	STORY	020
J	POETRY	010
K	OPINION, INTERPRET	015
L	PLAY	010

NOVEMBER 1970

TABLE 11

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, MATH 2A

PART I GRADE 10 STATE OF HAWAII

ITEM NO.	% RESP CORRECT	PUBL NORM	A	B	C	ITEM DESCRIPTION D	E	F	ITEM NO.
1	19=	19						*	1
2	17-	24						*	2
3	58-	64						*	3
4	16-	17				*			4
5	36-	39			*				5
6	24-	27				*			6
7	45-	50			*				7
8	37	34			*				8
9	41	40			*				9
10	54-	65			*				10
11	58-	69				*			11
12	35-	43	*						12
13	29-	34			*				13
14	20=	20			*				14
15	14	11				*			15
16	68-	74				*			16
17	51-	63				*			17
18	56-	61			*				18
19	23-	24		*	*				19
20	35	26				*			20
21	38=	38			*				21
22	32-	46				*			22
23	37-	45				*			23
24	35	27	*						24
25	18	15	*	*					25

NOVEMBER 1970

TABLE 11 (cont.)

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, MATH 2A

PART II GRADE 10 STATE OF HAWAII

ITEM NO.	% RESP CORRECT	PUBL NORM	A	B	C	D	E	F	ITEM DESCRIPTION	ITEM NO.
1	35-	37			*					1
2	51	49					*			2
3	29=	29	*	*						3
4	29	11	*	*						4
5	10-	12				*				5
6	36-	42						*		6
7	33	32	*							7
8	31	30				*				8
9	51-	57	*							9
10	55-	57			*					10
11	28	25		*		*				11
12	54	50			*					12
13	48=	48				*				13
14	51	50				*				14
15	46	45				*				15
16	49=	49						*		16
17	31	21				*				17
18	54-	68					*			18
19	40	38				*				19
20	26-	38			*					20
21	21	19			*					21
22	77-	87	*							22
23	38	33				*				23
24	35	25			*					24
25	24-	27		*		*				25
19+, 25-, 6=										
NO. OF ITEMS			8	6	16	19	2	5		
NO. OF ITEMS BELOW			3	2	9	9	1	3		
% OF ITEMS BELOW			38	33	56	47	50	60		

STATE TOTAL 12,051

CODE	DESCRIPTION	PARTS
A	NUMBER,OPERATION	008
B	SYMBOLISM	006
C	MEASUREMENT,GEOMETRY	016
D	FUNCTION,RELATION	019
E	PROOF	002
F	PROBABILITY, STATS	005

TABLE 12

NOVEMBER 1970

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS. WRITING 2A

PART I GRADE 10 STATE OF HAWAII

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTION A	B	C	D	E	F	G	H	I	J	K	ITEM NO.
1	70	62		*		*							*	1
2	48-	50		*		*							*	2
3	43-	46		*		*							*	3
4	50	43		*									*	4
5	67-	60	*			*							*	5
6	56	51		*		*							*	6
7	69	52				*	*						*	7
8	32-	35		*		*							*	8
9	50	44	*			*			*					9
10	35-	43		*		*			*					10
11	66	63		*		*			*					11
12	52-	54		*					*					12
13	31=	31		*		*			*					13
14	69	66		*					*					14
15	48	37	*		*				*					15
16	40	30	*		*						*			16
17	52-	59		*		*					*			17
18	45	37		*		*					*			18
19	63	60		*		*					*			19
20	46	45	*			*					*			20
21	50	48	*	*							*			21
22	41-	45	*								*			22
23	58-	63	*		*						*			23
24	35	30				*	*	*						24
25	49-	51		*				*						25
26	57-	58		*		*		*						26
27	48	36				*	*	*						27
28	35	33	*	*				*						28
29	39	35	*			*		*						29
30	44	36	*	*				*						30

TABLE 12 (cont.)

NOVEMBER 1970

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, WRITING 2A

PART II GRADE 10 STATE OF HAWAII

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTION A	B	C	D	E	F	G	H	I	J	K	ITEM NO.
1	48	37	*		*							*	*	1
2	21	12		*		*						*	*	2
3	31	21		*		*						*	*	3
4	55	54		*	*							*	*	4
5	20-	21	*	*								*	*	5
6	60	56	*		*							*	*	6
7	51	50	*		*							*	*	7
8	38-	41	*			*							*	8
9	55-	59	*		*								*	9
10	54-	56	*		*								*	10
11	58-	63		*		*							*	11
12	36	34		*		*							*	12
13	34	33		*									*	13
14	46-	61	*		*								*	14
15	30-	35	*	*								*		15
16	48-	53		*		*						*		16
17	25-	36		*								*		17
18	44	40	*		*							*		18
19	75-	84		*								*		19
20	45	38			*	*						*		20
21	43-	48		*		*						*		21
22	42	30	*				*					*		22
23	38	25	*				*			*				23
24	61	55				*	*			*				24
25	55	54				*	*			*				25
26	48-	50		*		*				*				26
27	38	34		*		*				*				27
28	26	22		*		*				*				28
29	44	43	*		*					*				29
30	25-	44		*			*			*				30
35+, 24-, 1=														
NO. OF ITEMS			24	35	13	32	8	7	7	8	8	15	22	
NO. OF ITEMS BELOW			9	17	4	12	1	2	2	2	3	6	10	
% OF ITEMS BELOW			38	49	31	38	13	29	29	25	38	40	45	

STATE TOTAL 12,018

CODE	DESCRIPTION	PARTS
A	ORGANIZATION	024
B	CONVENTIONS	035
C	CRITICAL THINKING	013
D	EFFECTIVENESS	032
E	APPROPRIATENESS	008
F	MINUTES	007
G	DIRECTIONS	007
H	NEWS STORY	008
I	REPORT	008
J	ESSAY,SPEECH	015
K	PERSONAL NARRATIVE	022

TABLE 13

NOVEMBER 1970

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, READING 2B

PART I GRADE 12 STATE OF HAWAII

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTION A	B	C	D	E	F	G	H	I	J	K	L	ITEM NO.
1	56-	57			*									*	1
2	69-	73	*											*	2
3	71-	73				*								*	3
4	70-	65		*										*	4
5	69	67		*										*	5
6	71-	79	*										*		6
7	89=	89					*						*		7
8	84-	70			*								*		8
9	66-	72					*						*		9
10	76	66				*							*		10
11	73-	95			*		*			*					11
12	65-	62		*						*					12
13	72-	75				*				*					13
14	51-	52	*							*					14
15	75-	82			*					*					15
16	82	79	*	*							*				16
17	73-	77	*	*							*				17
18	72-	74			*						*				18
19	68-	75					*				*				19
20	44-	49				*					*				20
21	64	58	*											*	21
22	50-	63		*										*	22
23	55-	60			*									*	23
24	61-	72		*										*	24
25	46-	51				*								*	25
26	77-	78	*					*							26
27	71	56		*				*							27
28	61	52				*		*							28
29	57	52			*			*							29
30	54-	57					*	*							30
31	73-	85	*						*				*		31
32	51=	51			*				*				*		32
33	46-	54				*			*				*		33
34	56-	58					*		*				*		34
35	52	51		*					*				*		35

TABLE 13 (cont.)

NOVEMBER 1970

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, READING 28

PART II GRADE 12 STATE OF HAWAII

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTION A	B	C	D	E	F	G	H	I	J	K	L	ITEM NO.
1	82-	95			*				*						1
2	88-	96		*					*						2
3	82-	95			*				*						3
4	43-	59				*			*						4
5	53	48					*		*						5
6	71	68		*								*			6
7	57=	57		*								*			7
8	43-	54				*						*			8
9	70-	88	*									*			9
10	62	48					*					*			10
11	68-	78	*		*								*		11
12	55-	70		*									*		12
13	73-	79	*										*		13
14	53	50				*							*		14
15	46	41					*						*		15
16	76-	78	*					*							16
17	77-	86					*	*							17
18	46-	53					*	*							18
19	84-	94				*		*							19
20	34-	37					*	*							20
21	37-	59			*					*					21
22	56-	60	*							*					22
23	38-	51					*			*					23
24	58	51				*				*					24
25	41-	43		*						*					25
26	59	53	*								*				26
27	78-	79	*								*				27
28	78	76		*							*				28
29	52	50			*						*				29
30	33-	35				*					*				30
31	81-	87	*											*	31
32	83-	86					*							*	32
33	46-	69					*							*	33
34	46	38		*										*	34
35	35-	42				*								*	35

18+, 49-, 3=

NO. OF ITEMS	16	16	13	14	15	10	10	10	10	5	15	15	
NO. OF ITEMS BELOW	13	8	10	10	11	7	7	9	6	2	9	12	
% OF ITEMS BELOW	81	50	77	71	73	70	70	90	60	40	60	80	

STATE TOTAL 10,137

CODE	DESCRIPTION	PARTS
A	REPRODUCE IDEAS	016
B	TRANSLATE, INFERENCE	016
C	ANALYZE MOTIVATION	013
D	ANALYZE PRESENTATION	014
E	CRITICIZE	015
F	DIRECTIONS, ANNOUNCE	010
G	INFORMATION, EXPLAIN	010
H	LETTER	010
I	STORY	010
J	POETRY	005
K	OPINION, INTERPRET	015
L	PLAY	015

TABLE 14

NOVEMBER 1970

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, MATH 11

PART I GRADE 12 STATE OF HAWAII

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTION A	B	C	D	E	F	ITEM NO.
1	66-	68	*						1
2	32=	32	*						2
3	57	54	*						3
4	34	33				*			4
5	54-	55						*	5
6	46	45				*			6
7	39-	46				*			7
8	64-	71	*						8
9	30	24				*			9
10	67-	71				*			10
11	58	56	*						11
12	43-	49	*						12
13	46-	60	*						13
14	36-	39		*	*				14
15	44	41	*						15
16	89-	96				*			16
17	56-	63				*			17
18	34-	38						*	18
19	38-	56				*			19
20	51	45				*			20
21	57	44				*			21
22	29	27				*			22
23	31	26				*			23
24	39	24				*			24
25	44	41		*		*			25

TABLE 14 (cont.)

NOVEMBER 1970

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, MATH 26

PART II GRADE 12 STATE OF HAWAII

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTION A	B	C	D	E	F	ITEM NO.
1	50-	57	*						1
2	31	22	*	*					2
3	48	46				*			3
4	38	34				*			4
5	36	32			*				5
6	39	34			*				6
7	49	47				*			7
8	50-	71	*						8
9	42-	54	*						9
10	57-	66	*						10
11	38	30			*				11
12	44	42	*						12
13	59-	62						*	13
14	62	51						*	14
15	28	24						*	15
16	74-	79				*			16
17	70	63	*						17
18	32-	33			*				18
19	57	53		*		*			19
20	64-	69						*	20
21	16-	21						*	21
22	53-	58					*	*	22
23	45	41	*						23
24	34-	43				*			24
25	21-	27		*		*			25
25+, 24-, 1=									
NO. OF ITEMS			16	5	5	21	1	8	
NO. OF ITEMS BELOW			8	2	2	8	1	6	
% OF ITEMS BELOW			50	40	40	38	100	75	

STATE TOTAL 9,957

CODE	DESCRIPTION	PARTS
A	NUMBER,OPERATION	016
B	SYMBOLISM	005
C	MEASUREMENT,GEOMETRY	005
D	FUNCTION,RELATION	021
E	PROOF	001
F	PROBABILITY, STATS	008

TABLE 15

NOVEMBER 1970

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, WRITING 2B

PART I GRADE 12 STATE OF HAWAII

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTION A	B	C	D	E	F	G	H	I	J	K	L	ITEM NO.
1	73-	74		*		*		*							1
2	21-	42		*			*	*							2
3	59	47	*		*			*							3
4	72-	75		*				*							4
5	78=	78				*	*	*							5
6	60-	68		*		*		*							6
7	43-	67		*		*		*							7
8	49-	68	*		*						*				8
9	41-	56		*							*				9
10	62-	67		*	*						*				10
11	69=	69		*	*						*				11
12	54	50	*		*						*				12
13	69	56		*							*				13
14	54-	55	*		*						*				14
15	69-	71			*		*					*			15
16	46-	52	*		*							*			16
17	61	51	*		*							*			17
18	72	62	*		*							*			18
19	36-	54	*		*							*			19
20	54-	56				*	*					*			20
21	69-	79		*		*						*			21
22	59	51	*		*							*			22
23	78	75	*		*				*						23
24	71=	71				*	*		*						24
25	37	27		*			*		*						25
26	54	47		*		*			*						26
27	56-	60	*		*				*						27
28	57	39					*		*						28
29	61-	70			*		*		*						29
30	63	56			*		*		*						30

NOVEMBER 1970

TABLE 15 (cont.)

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, WRITING 28

PART II GRADE 12 STATE OF HAWAII

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTION A	B	C	D	E	F	G	H	I	J	K	L	ITEM NO.
1	38-	48		*									*		1
2	43-	54				*	*						*		2
3	37-	56		*		*							*		3
4	19-	25		*			*						*		4
5	24-	30	*			*							*		5
6	56-	61		*									*		6
7	28=	28	*			*							*		7
8	32-	44			*		*							*	8
9	48-	52		*		*								*	9
10	25-	27	*			*								*	10
11	43-	56		*		*								*	11
12	31	25		*		*								*	12
13	63	57		*		*								*	13
14	48-	56		*		*								*	14
15	45-	51			*									*	15
16	65-	68			*		*			*					16
17	61	57		*						*					17
18	58-	61		*						*					18
19	27-	41			*		*			*					19
20	38-	39			*	*				*					20
21	63-	77					*			*					21
22	46-	52			*		*			*					22
23	80	75		*						*					23
24	45	40		*	*							*			24
25	56-	60		*	*							*			25
26	50-	64		*	*							*			26
27	36-	39	*		*							*			27
28	62-	67				*	*					*			28
29	56-	57				*	*					*			29
30	55-	58	*	*								*			30
16+, 40-, 4=															
NO. OF ITEMS			16	28	26	21	18	7	8	8	7	15	7	8	
NO. OF ITEMS BELOW			9	19	17	15	13	5	2	6	4	11	6	6	
% OF ITEMS BELOW			56	68	65	71	72	71	25	75	57	73	86	75	

STATE TOTAL 9,983

CODE	DESCRIPTION	PARTS	CODE	DESCRIPTION	PARTS
A	ORGANIZATION	016	H	EDITORIAL	008
B	CONVENTIONS	028	I	REPORT	007
C	CRITICAL THINKING	026	J	ESSAY, SPEECH	015
D	EFFECTIVENESS	021	K	PERSONAL NARRATIVE	007
E	APPROPRIATENESS	018	L	CHARACTER STUDY	008
F	STORY	007			
G	ANNOUNCEMENT	008			

SECTION B. STATE ITEM STUDY SUMMARIES BY SUBJECT AREAS

This section deals with item study summaries by subject areas. The data presented should be studied carefully together with Section A and also with the item study summaries prepared for your school classroom sections and combined grade level by classroom teachers, principals, academic department heads, district curriculum workers and state curriculum planners for curriculum implications.

Tables 16 to 18 present item study summaries for STEP Reading, Mathematics and Writing for grades 4, 6, 8, 10 and 12 for the fall of 1970.

An explanation of each cluster category precedes the table for a subject area which is followed by a brief summary of results and trends.

Let us look at Table 16 on the STEP Reading Test. The columns show:

I - Number of items in each category.

II - Number of items in that category below the publisher's norm, and

III - The corresponding per cent of items below the publisher's norm.

The starred per cents (50% and above) in Column III show half or more of the items in that cluster category deviating below that of the publisher's norm. These indicate weaknesses and the teacher or curriculum planner should investigate and check out these test items under the various categories in the test booklet to determine what skills, concepts, understandings and activities are considered relevant to our educational objectives and take appropriate action in meeting those needs.

Trends for the six-year period (1965-1970) for the grades and subject areas tested have been summarized. The grades showing weakness repeatedly in the Skill Categories and Type of Materials over those years have been listed to give an indication for investigation.

STEP Reading Test

Listed below are explanations of categories* according to which the items were classified by the publisher:

SKILL

Ability to REPRODUCE IDEAS. Comprehending subject-predicate, pronoun-antecedent, modifier-thing modified, and dependent-independent clause relationships; noting frequency of mention; and recalling sequences of ideas or facts.

Ability to TRANSLATE ideas and MAKE INFERENCES. Identifying ideas found in the passage when they are stated in language different from that of the selection; picking out the main idea; deducing the meaning of figurative, technical, and obscure words, phrases, or sentences; linking ideas to their preceding and following context; applying ideas to new situations; and making specific inferences.

Ability to ANALYZE MOTIVATION. Analyzing the author's purpose and the attitudes, beliefs, experience, knowledge, etc., which influenced what he said.

Ability to ANALYZE PRESENTATION. Recognizing and appraising literary devices and forms, "tone", logical structure, and other aspects of the ways selections are written.

Ability to CRITICIZE. Criticizing constructively the ideas presented, the author's purpose and motivation, and the presentation.

TYPE OF MATERIAL

DIRECTIONS, ANNOUNCEMENT
Article of INFORMATION or EXPLANATION
LETTER (narrative and essay)
STORY
POETRY
Article of OPINION or INTERPRETATION
PLAY (dialogue)

*STEP Teacher's Guide. Educational Testing Service. Princeton, New Jersey. 1959.

TABLE 16

STEP Reading Test - Item Study Summary for State of Hawaii

	Grade 4			Grade 6			Grade 8			Grade 10			Grade 12		
	I	II	III	I	II	III	I	II	III	I	II	III	I	II	III
Skill Category															
Reproduce Idea	23	13	57*	22	8	36	16	17	75*	18	14	78*	16	13	81*
Translate, Inferences	13	7	54*	16	11	69*	15	7	47	13	9	69*	16	8	50*
Analyze Motivation	9	6	67*	17	9	53*	10	6	60*	15	10	67*	13	10	77*
Analyze Presentation	14	10	71*	10	6	60*	18	10	56*	24	12	50*	14	10	71*
Criticize	15	9	60*	11	4	36	15	6	40	6	2	33	15	11	73*
Type of Material															
Directions, Announcements	15	8	53*	10	6	60*	10	7	70*	5	4	80*	10	7	70*
Information, Explanation	15	11	73*	25	10	40	10	2	20	15	8	53*	10	7	70*
Letter	10	8	80*	10	6	60*	10	7	70*	10	7	70*	10	9	90*
Story	20	9	45	25	12	48	25	13	52*	20	15	75*	10	6	60*
Poetry	10	7	70*	10	6	60*	10	3	30	10	5	50*	5	2	40
Opinion, Interpretation	5	5	100*	10	2	20	10	7	70*	15	9	60*	15	9	60*
Play (dialogue)	5	4	80*	5	3	60*	5	5	100*	10	4	40	15	12	80*
STATE TOTALS	154	97	63*	171	83	49	154	85	55*	161	99	61*	149	104	70*

*The starred per cents (50% and above) in column III show half or more of the items in that skill category cluster deviating below that of the publisher's norm. They indicate weakness and the teacher or curriculum planner should investigate and check out these items in the test booklet to see what concepts, skills and understandings in the cluster of items that may need emphasis.

Table 16 shows: I--Number of Items in Category.

II--Number of Items Below Publisher's Norm.

III--Per Cent Below Publisher's Norm.

Summary of STEP Reading Test

A. Item study results for the STEP Reading test for 1970 in Table 16 reveal the following:

- The 4th, 8th, 10th and 12th graders were weak in reproducing ideas.
- The 4th, 6th, 10th and 12th graders were weak in translating and making references.
- All five grade levels did poorly in the skill category of analyzing motivation.
- All five grade levels showed weakness in analyzing presentation.
- The 4th and 12th graders were weak in criticizing constructively ideas presented.

In terms of types of materials used, item study results show:

- All five grade levels had difficulty with directions and announcements.
- The 4th, 10th and 12th graders had difficulty with information and explanation.
- The 4th, 6th, 8th, 10th and 12th graders had difficulty with letters (narrative and essay).
- The 8th, 10th and 12th graders had difficulty with stories.
- The 4th, 6th and 10th graders had difficulty with poetry.
- The 4th, 8th, 10th and 12th graders had difficulty with opinion and interpretation.
- The 4th, 6th, 8th and 12th graders had difficulty with plays (dialogue).
- Except for poetry, the 12th graders had difficulty with every category, with the greatest lack in letters.

B. Trends over the six-year period (1965-1970) show the following grades with weakness repeatedly in these Skill Categories and Types of Materials:

- Reproduce Idea - Grades 8, 10 and 12.
- Translate and Make Inferences - Grades 10 and 12.
- Analyze Motivation - Grades 4, 8, 10 and 12.
- Analyze Presentation - Grades 4, 8, 10 and 12.
- Criticize - Grades 4 and 12.
- Directions, Announcements - Grades 8 and 12.
- Information, Explanation - Grades 4 and 12.
- Letter - Grades 4, 6, 8, 10 and 12.
- Story - Grade 10.
- Poetry - Grade 4.
- Opinion, Interpretation - Grades 4, 10 and 12.
- Play (dialogue) - Grades 4, 8 and 12.

These trends provide an objective source of valuable clues to be used along with other relevant factors in improving our instructional program.

STEP Mathematics Test

Listed below are explanation of categories* according to which the items were classified by the publisher:

CONCEPT

NUMBER and OPERATION. Cardinal and ordinal; grouping by ten; bases of number systems; scientific notation by powers of ten; meaning of fractions, decimals, and percent; kinds of number (e.g., integral, rational, irrational, positive, negative, real, complex, even and odd); appropriate arithmetic processes for solving processes by manipulation of physical objects; significant digits and rounding off; algorisms; reasonable estimates; approximate numbers; associative, distributive, and communitative laws as applied implicitly in computations.

SYMBOLISM. Use and nature of symbols, such as %, =, >; <; interpretation of signs of operation, special notation, and algebraic symbolism.

MEASUREMENT AND GEOMETRY. The inverse relationship between the size of a unit and the number of units in a given measurement; significant digits as they apply to precision of measurement; denominate numbers; converting units; spatial estimation; geometric nomenclature; areas and volumes of figures; transformations and invariants; statistics, if thought of as data measurement; different kinds of rates (since they may involve different denominate numbers).

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*STEP Teacher's Guide. Educational Testing Service. Princeton, New Jersey. 1959.

FUNCTION and RELATION. Graphs; algebraic functions; ratio; proportion; solution of equations; algebraic processes; trigonometric functions; periodicity; mapping and scale drawing; similarity; congruence; inequality.

PROOF. Deductive and inferential reasoning. The logic type of problem involving reasoning about classes or sets; sufficiency of data for a solution; hidden or tacit assumptions in an argument; logical inferences; generalizations from data.

PROBABILITY and STATISTICS. Extrapolation of graphs depicting trends; prediction of an event on the basis of past performance, or on the basis of opportunities to occur; average (mean); median; correlation; sampling; data interpretation.

TABLE 17

STEP Mathematics Test - Item Study Summary for State of Hawaii

	Grade 4			Grade 6			Grade 8			Grade 10			Grade 12		
	I	II	III	I	II	III	I	II	III	I	II	III	I	II	III
Concept															
Number Operation	23	17	74*	20	12	60*	8	6	75*	8	3	38	16	8	50*
Symbolism	4	3	75*	5	1	20	8	1	13	6	2	33	5	2	40
Measurement, Geometry	14	8	57*	10	7	70*	15	8	53*	16	9	56*	5	2	40
Function, Relation	8	5	63*	16	12	75*	22	11	50*	19	9	47	21	8	38
Proof	2	2	100*	3	3	100*	4	2	50*	2	1	50*	1	1	100*
Probability, Statistics	3	2	67*	4	3	75*	9	4	44	5	3	60*	8	6	75*
STATE TOTAL	54	37	69*	58	38	66*	66	32	48	56	27	48	56	27	48

*Indicates weakness in that cluster of items and may need emphasis.

Table shows: I--Number of Items in Category.

II--Number of Items Below Publisher's Norm.

III--Per Cent Below Publisher's Norm.

Summary of STEP Mathematics Test

A. Item study results for the STEP Mathematics Test in Table 17 reveal the following:

- The 4th graders did poorly in all six concept and skill categories.
- The 6th graders showed weakness in all categories except for symbolism.
- The eighth graders performed less well than last year as they showed weakness in four out of six categories.
- The 10th graders showed weakness in measurement and geometry, proof and probability and statistics.
- The 12th graders had difficulty in three categories - number operation, proof and probability and statistics.
- The 6th, 8th, 10th and 12th graders performed well in symbolism.
- All five grade levels were weak in proof which consists of deductive and inferential reasoning.

B. Trends over the six-year period (1965-1970) show the following grades with weakness repeatedly in these mathematical concepts:

- Number Operation - Grades 4 and 8.
- Symbolism - Grade 4.
- Measurement, Geometry - Grade 4.
- Function, Relation - Grade 4.
- Proof - Grades 4, 6, 8, 10 and 12.
- Probability, Statistics - Grades 4, 10 and 12.

These specific weaknesses should provide us with clues to work with our students.

STEP Writing Test

Listed below are explanations of categories* according to which the items were classified by the publisher:

SKILL

ORGANIZATION. Reasonable ordering of ideas, events, facts, etc.

CONVENTIONS. Attention to syntax or sentence structure, diction in the sense of gross errors of word choice, punctuation and spelling.

CRITICAL THINKING. Detection of unstated assumptions, perception of cause-and-effect relationship, and anticipation of the needs of the reader.

EFFECTIVENESS. Adequacy of emphasis, adequacy of development, exactness of expression, economy, simplicity, and variety.

APPROPRIATENESS. Choice of a level of usage suitable to purpose and reader; i.e., using the right "tone" and appropriate diction and employing tact where possible.

TYPE OF MATERIAL

MINUTES	DIRECTIONS
LETTER	NEWS STORY
Reply to QUESTIONNAIRE	REPORT
STORY	ESSAY, SPEECH
ANNOUNCEMENT, ADVERTISEMENT	PERSONAL NARRATIVE
EDITORIAL	CHARACTER STUDY

*STEP Teacher's Guide. Educational Testing Service. Princeton, New Jersey. 1959.

TABLE 18
STEP Writing Test - Item Study Summary for State of Hawaii

	Grade 4			Grade 6			Grade 8			Grade 10			Grade 12		
	I	II	III	I	II	III	I	II	III	I	II	III	I	II	III
Skill Category															
Organization	16	2	13	16	7	44	29	18	62*	24	9	38	16	9	56*
Conventions	45	13	29	35	26	74*	27	17	63*	35	17	49	28	19	68*
Critical Thinking	5	2	40	14	5	36	12	10	83*	13	4	31	26	17	65*
Effectiveness	19	9	47	33	22	67*	33	21	64*	32	12	38	21	15	71*
Appropriateness	15	4	27	15	10	67*	14	8	57*	8	1	13	18	13	72*
Type of Material															
Minutes	8	2	25	6	5	83*				7	2	29			
Questionnaire							6	1	17						
Letter	18	5	28	12	7	58*	12	8	67*						
Story	18	6	33	19	13	68*	6	5	83*				7	5	71*
Announcement, Advertisement	5	2	40	5	2	40	6	4	67*				8	2	25
Report	5	1	20				7	6	86*	8	3	38	7	4	57*
Editorial				6	4	67*							8	6	75*
Essay (& Speech-Grs. 8 & 12)	10	3	30				25	17	68*	15	6	40	15	11	73*
Directions				5	3	60*	13	8	62*	7	2	29			
Personal Narrative	13	4	31	20	13	65*	12	6	50*	22	10	45	7	6	86*
Character Study	6	1	17	7	3	43							8	6	75*
News Story				5	3	60*				8	2	25			
STATE TOTAL	183	54	30	198	123	62*	202	129	64*	169	68	40	169	113	67*

*Indicates weakness in that cluster of items and may need emphasis.

Table shows: I--Number of Items in Category.
II--Number of Items Below Publisher's Norm.
III--Per Cent Below Publisher's Norm.

Summary of STEP Writing Test

A. Item study results for the STEP Writing Test for 1970 in Table 18 reveal:

- The 4th and 10th graders performed very well on the writing test as none of the percent of items below the publisher's norm exceeded 50 per cent.
- The 6th graders showed weaknesses in conventions, effectiveness, appropriateness, minutes, letter, story, editorial, directions, personal narrative and news story.
- The 8th graders had difficulty with every category except questionnaire.
- The 12th graders showed weakness in all categories except in announcement, advertisement and report.

B. Trends over the six-year period (1965-1970) show the following grades with weakness repeatedly in these Skill Categories and Types of Materials:

- Organization - Grade 12.
- Conventions - Grades 8 and 12.
- Critical Thinking - Grades 8 and 12.
- Effectiveness - Grades 8 and 12.
- Appropriateness - Grade 12.
- Minutes - Grade 6.
- Letter - Grade 8.
- Story - Grade 8.
- Announcement, Advertisement - Grade 8.
- Report - Grade 8.
- Editorial - Grades 6 and 12.
- Essay - Grade 12.

- Directions - Grade 8.
- Personal Narrative - Grade 12.
- Character Study - Grade 12.

These objective clues provide us with one source of information in working with students in the writing area.

FIGURE 1
SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS

Number of Test Items ABOVE, BELOW or EQUAL to the Publisher's Norms for Grades 4 to 12 in Hawaii Schools from 1965-1970

	Grade 4			Grade 6			Grade 8*			Grade 10			Grade 12		
	+	-	=	+	-	=	+	-	=	+	-	=	+	-	=
Reading (70)															
1965	32	36	2	41	26	3	27	39	4	24	43	3	16	50	4
1967	29	38	3	42	23	5	36	29	5	30	34	6	17	52	1
1968	28	40	2	40	28	2	32	34	4	28	35	7	21	44	5
1970	27	42	1	32	35	3	25	39	6	23	43	4	18	49	3
Writing (60)															
1965	50	8	2	36	20	4	18	40	2	34	21	5	21	38	1
1967	45	12	3	34	22	4	28	29	3	41	16	2	18	40	2
1968	44	15	1	29	30	1	23	35	2	40	17	3	22	33	5
1970	41	17	2	20	37	3	19	38	3	35	24	1	16	40	4
Mathematics (50)															
1965	15	34	1	22	25	3	21	26	3	23	23	4	23	23	4
1967	16	34	0	25	23	2	25	22	3	26	22	2	25	23	2
1968	16	33	1	20	26	4	25	22	3	24	23	3	27	22	1
1970	16	34	0	16	33	1	21	25	4	19	25	6	25	24	1

*1964 data used for the year 1965.

General Summary

These item study results give us objective clues regarding our strengths and weaknesses in skills, concepts, understandings, types of materials and subject areas based on the STEP tests.

The item study summaries by grades and by subject areas point to certain specific needs in reading, mathematics and writing. Trends over the six-year period give additional cumulative information on student performance which merit investigation, thought and action. See figure 1. Classroom teachers, principals, department heads, district curriculum workers and state curriculum planners should study the data carefully in terms of the relevancy and importance of the various categories, concepts and understandings to our educational objectives and take appropriate action.

Additional information on item study summaries on the STEP achievement tests published previously to help curriculum planners may be found in Research Reports No. 68 and No. 69 for 1968-1969, Research Report No. 62 for 1967-1968, and Research Reports No. 22, No.22A and No. 42 for 1965-1966.

PART II

DISTRICT ITEM STUDY SUMMARIES BY SUBJECT AND GRADE

TABLE 19

NOVEMBER 1970

ITEM STUDY OF SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, READING A[illegible]

PART I GRADE 04 [illegible] SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	A	B	C	D	E	F	G	H	I	J	K	L	ITEM NO.
1	54	56			*						*				1
2	49-	54		*							*				2
3	75	72	*								*				3
4	28	16				*					*				4
5	53	46					*				*				5
6	68	62	*									*			6
7	45=	45	*									*			7
8	57-	63	*									*			8
9	48	47		*		*						*			9
10	62-	65					*					*			10
11	54	56	*					*							11
12	50	49	*					*							12
13	49	46	*					*							13
14	57	55			*			*							14
15	53-	56					*	*							15
16	32	22		*						*					16
17	66-	72	*							*					17
18	49=	49	*							*					18
19	57-	63				*				*					19
20	55-	61				*				*					20
21	50-	52	*						*				*		21
22	21-	22		*					*				*		22
23	34-	35	*						*				*		23
24	24-	28					*		*				*		24
25	26-	40			*				*				*		25
26	44-	55	*											*	26
27	30	24					*							*	27
28	31-	34			*									*	28
29	22-	33				*								*	29
30	35-	45		*										*	30
31	20-	24					*	*	*						31
32	21-	23				*		*	*						32
33	18	17	*					*	*						33
34	17-	24			*			*	*						34
35	17-	20	*				*	*	*						35

NOVEMBER 1970

TABLE 19 (cont.)

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, [illegible]

PART II GRADE 04 INCLUDED SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	A	B	C	D	E	F	G	H	I	J	K	L	ITEM NO.
1	72	67	*						*						1
2	78	74		*					*						2
3	41	40				*			*						3
4	67	60				*			*						4
5	70	64					*		*						5
6	65-	66			*					*					6
7	58-	65				*				*					7
8	56-	63		*			*			*					8
9	42	38		*			*			*					9
10	64-	69	*							*					10
11	55-	62		*								*			11
12	42	44					*					*			12
13	60-	71	*									*			13
14	65-	69			*							*			14
15	36-	40				*						*			15
16	61-	62	*								*				16
17	41	38		*							*				17
18	35	15				*					*				18
19	53-	55	*								*				19
20	40-	42					*				*				20
21	40	28				*					*				21
22	60	53			*						*				22
23	40-	44		*							*				23
24	27-	30					*				*				24
25	38	30	*								*				25
26	28	23	*					*							26
27	31	20	*					*							27
28	32=	32				*		*							28
29	35	24		*				*							29
30	33-	34					*	*							30
31	36-	39	*								*				31
32	26-	30				*					*				32
33	27	22		*							*				33
34	20	17					*				*				34
35	32	30			*						*				35

31+, 36-, 3=

NO. OF ITEMS	23	13	9	14	10	15	15	10	20	10	5	5
NO. OF ITEMS BELOW	11	6	5	7	5	6	5	7	5	5	5	4
% OF ITEMS BELOW	48	46	56	50	50	40	60	70	40	50	100	80

DISTRICT TOTAL 3,983

CODE	DESCRIPTION	PARTS
A	REPRODUCE IDEAS	023
B	TRANSLATE, INFERENCES	013
C	ANALYZE MOTIVATION	009
D	ANALYZE PRESENTATION	014
E	CRITICIZE	01
F	DIRECTIONS, ANNOUNCE	015
G	INFORMATION, EXPLAIN	015
H	LETTER	010
I	STORY	020
J	POETRY	010
K	OPINION, INTERPRET	005
L	PLAY	005

TABLE 20

NOVEMBER 1970

ITEM STUDY OF SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, MATH 4A

PART I GRADE 04 HONOLULU SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	POOL NORM	ITEM DESCRIPTION A	B	C	D	E	F	ITEM NO.
1	38-	42			*				1
2	66-	75	*						2
3	27	23			*				3
4	34-	43	*						4
5	31-	44			*				5
6	20	15			*				6
7	23-	42				*		*	7
8	52-	53	*						8
9	28-	46	*						9
10	03-	09		*					10
11	39-	50					*		11
12	46-	51	*						12
13	75-	66	*						13
14	40-	48	*						14
15	8-	15	*						15
16	22	19	*						16
17	62	57			*				17
18	74-	77			*				18
19	38-	30			*				19
20	41-	62				*			20
21	42-	50			*	*			21
22	20-	24	*						22
23	18-	30	*						23
24	42-	43			*				24
25	43-	47			*				25

TABLE 20 (cont.)

NOVEMBER 1970

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, MATH 4A

PART II GRADE 04 NONPUBLIC SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTION A	B	C	D	E	F	ITEM NO.
1	55-	50	*						1
2	34-	40	*						2
3	55	35	*						3
4	25	20	*						4
5	19-	32				*			5
6	21	18				*			6
7	46	37			*				7
8	29-	39				*			8
9	19	12		*					9
10	35-	47					*	*	10
11	26	23				*		*	11
12	45-	50	*						12
13	39-	51		*					13
14	26	16	*						14
15	28	23				*			15
16	35-	53		*					16
17	33	19	*						17
18	34	32			*				18
19	32-	45			*				19
20	32-	39	*						20
21	27-	36	*						21
22	28-	32	*						22
23	26	23	*						23
24	19-	21	*						24
25	17	15			*				25
10+, 34-, 0=									
NO. OF ITEMS			23	4	14	6	2	2	
NO. OF ITEMS BELOW			17	3	8	3	2	2	
% OF ITEMS BELOW			74	75	57	50	100	67	

DISTRICT TOTAL 3,980

CODE	DESCRIPTION	PARTS
A	NUMBER, OPERATION	023
B	SYMBOLISM	004
C	MEASUREMENT, GEOMETRY	014
D	FUNCTION, RELATION	006
E	PROOF	002
F	PROBABILITY, STATS	003

TABLE 21

NOVEMBER 1970

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, SERIES 4A

PART I GRADE 04 ANONYMOUS SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTION A	B	C	D	E	F	G	H	I	J	K	L	M	ITEM NO.
1	50	41		*					*							1
2	65	56		*					*							2
3	62	49		*			*		*							3
4	58	57		*		*			*							4
5	39	35		*					*							5
6	64	55		*					*							6
7	43	25			*	*									*	7
8	40	33		*		*									*	8
9	48	43		*											*	9
10	52	47	*												*	10
11	29-	37		*											*	11
12	46	39		*											*	12
13	34	28				*	*			*				*		13
14	31	18	*	*						*				*		14
15	39-	42	*		*					*				*		15
16	28	22	*	*						*				*		16
17	47	36	*				*			*				*		17
18	36-	42	*		*					*				*		18
19	30	23	*	*					*							19
20	29	26		*			*		*							20
21	37	34		*			*		*							21
22	32	29	*	*					*							22
23	30-	32		*		*			*							23
24	54	51		*			*		*							24
25	46	42		*					*							25
26	36	22	*				*				*					26
27	22-	23		*		*					*					27
28	23	16	*		*						*					28
29	32	27		*		*					*					29
30	25=	25		*		*					*					30

TABLE 21 (cont.)

NOVEMBER 1970

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, WRITING 4A

PART II GRADE 04 HONOLULU SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	A	B	C	D	E	F	G	H	I	J	K	L	M	ITEM NO.
1	35	34		*			*					*	*			1
2	37	32		*			*					*	*			2
3	39	31	*									*	*			3
4	45	37		*	*							*	*			4
5	45-	49		*		*						*	*			5
6	36	31		*					*							6
7	35-	41					*		*							7
8	36-	47				*			*							8
9	25	22		*					*							9
10	30-	33		*			*		*							10
11	34	28	*	*				*								11
12	34=	34		*				*								12
13	33	28		*		*		*								13
14	36	30		*		*		*								14
15	36	32		*				*								15
16	32-	46		*			*	*								16
17	22	09		*				*								17
18	33	29	*	*				*								18
19	30-	36		*		*				*				*		19
20	40-	41		*		*				*				*		20
21	30	12		*			*			*				*		21
22	39	32		*		*				*				*		22
23	34	21					*			*				*		23
24	21	04	*							*				*		24
25	34	26	*			*				*				*		25
26	21=	21		*		*				*			*			26
27	25	16		*		*				*			*			27
28	19	16	*							*			*			28
29	26	17		*		*				*			*			29
30	31-	33		*			*			*			*			30
444, 13-, 3=																
NO. OF ITEMS			16	45	5	19	15	8	18	18	5	5	10	13	6	
NO. OF ITEMS BELOW			2	9	2	6	4	1	4	5	1	1	2	4	1	
% OF ITEMS BELOW			13	20	40	32	27	13	22	28	20	20	20	31	17	

DISTRICT TOTAL 3,979

CODE	DESCRIPTION	PARTS	CODE	DESCRIPTION	PARTS
A	ORGANIZATION	016	H	STORY	018
B	CONVENTIONS	045	I	ANNOUNCEMENT	005
C	CRITICAL THINKING	005	J	REPORT	005
D	EFFECTIVENESS	019	K	ESSAY,SPEECH	010
E	APPROPRIATENESS	015	L	PERSONAL NARRATIVE	013
F	MINUTES	008	M	CHARACTER STUDY	006
G	LETTER	018			

TABLE 22

NOVEMBER 1970

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, READING [illegible]

PART I GRADE 06 HONOLULU SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTION A	B	C	D	E	F	G	H	I	J	K	L	ITEM NO.
1	90	87	*								*		*		1
2	86	76	*								*		*		2
3	85	75	*								*		*		3
4	84-	85			*		*				*		*		4
5	77	72									*		*		5
6	75-	79	*								*				6
7	61-	67		*							*				7
8	65=	65			*						*				8
9	73	70					*				*				9
10	70	66				*					*				10
11	60-	65	*									*			11
12	61-	68		*								*			12
13	32	29			*							*			13
14	33-	36				*						*			14
15	47	00				*						*			15
16	83	81			*				*						16
17	78	75	*	*					*						17
18	64	61	*						*						18
19	73	66				*			*						19
20	71-	74					*		*						20
21	82	71	*	*				*	*						21
22	73	70	*					*	*						22
23	79	69			*			*	*						23
24	76	75	*					*	*						24
25	46	46					*	*	*						25
26	62	56	*								*				26
27	53	45		*							*				27
28	56	53					*				*				28
29	62	51		*							*				29
30	54=	54		*							*				30
31	51	47	*							*					31
32	18-	25		*						*					32
33	44	32			*					*					33
34	29-	37			*					*					34
35	55	44					*			*					35

TABLE 22 (cont.)

NOVEMBER 1970

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, READING 4B

PART II GRADE 06 HONOLULU SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	A	B	C	D	E	F	G	H	I	J	K	L	ITEM NO.
			ITEM DESCRIPTION												
1	81-	88	*								*				1
2	70-	74	*								*				2
3	79-	82		*							*				3
4	84-	90			*						*				4
5	81-	87			*	*					*				5
6	79-	85	*							*					6
7	57=	57		*						*					7
8	88-	89				*				*					8
9	64	58			*					*					9
10	88-	90				*				*					10
11	82-	84		*				*	*						11
12	75	67	*				*	*	*						12
13	27-	34	*	*				*	*						13
14	58-	67			*			*	*						14
15	52-	69					*	*	*						15
16	60	58	*									*			16
17	76-	77			*							*			17
18	79-	91		*								*			18
19	61	58					*					*			19
20	71-	72			*							*			20
21	62-	67	*						*		*				21
22	42	41	*				*		*		*				22
23	80	69			*				*		*				23
24	60-	64		*					*		*				24
25	42	33				*			*		*				25
26	64-	72		*										*	26
27	73	65	*											*	27
28	51-	57			*									*	28
29	57	48			*									*	29
30	68	67				*								*	30
31	67	58	*						*				*		31
32	45	40		*					*				*		32
33	39	27			*				*				*		33
34	30-	33				*			*				*		34
35	50	44					*		*				*		35
38+, 29-, 3=															
NO. OF ITEMS			22	16	17	10	11	10	25	10	25	10	10	5	
NO. OF ITEMS BELOW			7	9	8	5	3	4	8	5	10	6	2	2	
% OF ITEMS BELOW			32	56	47	50	27	40	32	50	40	60	20	40	

DISTRICT TOTAL 3,827

CODE	DESCRIPTION	PARTS	CODE	DESCRIPTION	PARTS
A	REPRODUCE IDEAS	022	H	LETTER	010
B	TRANSLATE,INFERENCES	016	I	STORY	025
C	ANALYZE MOTIVATION	017	J	POETRY	010
D	ANALYZE PRESENTATION	010	K	OPINION, INTERPRET	010
E	CRITIZE	011	L	PLAY	005
F	DIRECTIONS, ANNOUNCE	010			
G	INFORMATION, EXPLAIN	025			

TABLE 23

NOVEMBER 1970

ITEM STUDY IN SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, MATH 68

PART I GRADE 06 MONTICELLO SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	A	B	C	D	E	F	ITEM DESCRIPTION	ITEM NO.
1	59-	67				*				1
2	30-	34				*				2
3	51-	53				*				3
4	26-	33				*				4
5	37-	48				*				5
6	64-	65					*			6
7	49	22	*							7
8	66	26	*	*						8
9	84-	89			*					9
10	85	79		*						10
11	64	63			*					11
12	35-	37					*			12
13	80	78	*							13
14	45	38						*		14
15	46=	46	*							15
16	42	37			*					16
17	80	79			*					17
18	59=	59	*							18
19	29-	34	*							19
20	78	62	*							20
21	60	55				*				21
22	68-	80				*				22
23	32-	33				*				23
24	40-	60		*	*					24
25	35-	41				*				25

NOVEMBER 1970

TABLE 23 (cont.)

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, MATH 4B

PART II GRADE 06 [illegible] SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	A	B	C	D	E	F	ITEM DESCRIPTION	ITEM NO.
1	50-	54			*					1
2	82-	84	*							2
3	76	72	*							3
4	51-	55	*							4
5	40-	56	*				.			5
6	38-	56					*			6
7	92-	97	*							7
8	43	34				*				8
9	51	45			*					9
10	87	80				*				10
11	53-	64				*		*		11
12	62	60				*		*		12
13	43-	45				*		*		13
14	63	58	*	*						14
15	33	29	*	*						15
16	56	56			*					16
17	77-	80	*							17
18	50-	62	*							18
19	45	40	*							19
20	33	25				*				20
21	49	38			*					21
22	67=	67				*				22
23	41	34	*							23
24	65-	66	*		*					24
25	59	58	*							25

23+, 24-, 3=

NO. OF ITEMS	20	5	10	16	3	4	
NO. OF ITEMS BELOW	8	1	4	10	3	2	
% OF ITEMS BELOW	40	20	40	63	100	50	

DISTRICT TOTAL 3,822

CODE	DESCRIPTION	PARTS
A	NUMBER,OPERATION	020
B	SYMBOLISM	005
C	MEASUREMENT,GEOMETRY	010
D	FUNCTION, RELATION	016
E	PROOF	003
F	PROBABILITY, STATS	004

NOVEMBER 1970

TABLE 24

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, [illegible]

PART I GRADE [illegible] [illegible] SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	A	B	C	D	E	F	G	H	I	J	K	L	M	N	ITEM NO.
							ITEM DESCRIPTION										
1	71	59			*	*				*					*		1
2	48-	61		*		*				*					*		2
3	45-	48		*			*			*					*		3
4	55-	61		*						*					*		4
5	57	53	*			*				*					*		5
6	49	45	*			*				*					*		6
7	63-	80		*		*				*					*		7
8	62-	66			*	*				*							8
9	28	21				*	*			*							9
10	59	56		*		*				*							10
11	37-	38		*		*				*							11
12	65-	67	*			*				*							12
13	75	51			*		*			*							13
14	40-	49		*		*						*					14
15	58	52		*	*							*					15
16	44=	44			*	*						*					16
17	69	65			*							*					17
18	34-	40	*			*						*					18
19	39-	58	*	*								*					19
20	73	59		*					*								20
21	81	76		*					*								21
22	63	55		*			*		*								22
23	54	53				*	*		*								23
24	54-	56					*		*								24
25	52-	58		*			*		*								25
26	56	48	*		*						*						26
27	55	52		*		*					*						27
28	49	36		*		*					*						28
29	63	55	*		*						*						29
30	50-	54		*			*				*						30

NOVEMBER 1970

TABLE 24 (cont.)

ITEM STUDY OF SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, WRITING

PART II GRADE 06 MANDATED SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTION A	B	C	D	E	F	G	H	I	J	K	L	M	N	ITEM NO.
1	24-	40	*	*					*								1
2	51	46	*				*		*								2
3	74-	76		*			*		*								3
4	39-	40			*		*		*								4
5	45=	45		*		*			*								5
6	64	63	*				*		*								6
7	66	56	*		*										*	*	7
8	64	62		*		*									*	*	8
9	79-	62					*								*	*	9
10	67	62	*		*										*	*	10
11	63	59		*											*	*	11
12	76-	76		*		*									*	*	12
13	57-	62		*		*									*		13
14	50-	53		*		*		*									14
15	46-	51		*		*		*									15
16	42-	56		*	*			*									16
17	47-	54		*		*		*									17
18	52=	53		*		*		*									18
19	55	44	*		*			*									19
20	53-	54		*		*				*					*		20
21	34-	37	*			*				*					*		21
22	53-	55		*		*				*					*		22
23	41-	47		*		*				*					*		23
24	41-	52		*		*				*					*		24
25	61	60	*				*			*					*		25
26	46	46			*	*							*	*			26
27	56	46	*			*							*	*			27
28	52-	54		*		*							*	*			28
29	39-	41		*			*						*	*			29
30	41	36		*		*							*	*			30
27+, 30-, 3=																	
NO. OF ITEMS			15	30	14	30	15	6	12	15	5	6	5	5	20	7	
NO. OF ITEMS BELOW			5	23	3	18	9	4	5	12	1	3	2	2	12	5	
% OF ITEMS BELOW			31	66	21	55	53	67	42	63	20	50	40	40	60	71	

DISTRICT TOTAL 3,819

CODE	DESCRIPTION	PARTS	CODE	DESCRIPTION	PARTS
A	ORGANIZATION	015	H	STORY	017
B	CONVENTIONS	035	I	ANNOUNCEMENT	005
C	CRITICAL THINKING	014	J	EDITORIAL	006
D	EFFECTIVENESS	033	K	DIRECTIONS	005
E	APPROPRIATENESS	015	L	NEWS STORY	005
F	MINUTES	005	M	PERSONAL NARRATIVE	020
G	LETTER	012	N	CHARACTER STUDY	007

NOVEMBER 1970

TABLE 25

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, [illegible]

PART I GRADE 08 [illegible] SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	A	B	C	D	E	F	G	H	I	J	K	L	ITEM NO.
1	81	84					*			*					1
2	85-	85				*				*					2
3	92	90	*							*					3
4	88-	81		*						*					4
5	91-	95			*					*					5
6	80-	83	*					*							6
7	38-	39	*					*							7
8	60-	62				*		*							8
9	34	35					*	*							9
10	57-	61		*				*							10
11	63-	66	*								*				11
12	70-	72				*					*				12
13	32	27		*							*				13
14	53	49					*				*				14
15	27	13					*				*				15
16	69-	76	*						*		*				16
17	67	66	*						*		*				17
18	53	46			*				*		*				18
19	51	43				*			*		*				19
20	24	16				*			*		*				20
21	55-	57	*										*		21
22	44-	53			*								*		22
23	54	52		*									*		23
24	40	35				*							*		24
25	42-	44					*						*		25
26	37-	49	*									*			26
27	32	24				*						*			27
28	50	38		*								*			28
29	32-	46					*					*			29
30	35	27		*	*							*			30
31	58-	61	*								*				31
32	19	15		*							*				32
33	33	24			*						*				33
34	42	31				*					*				34
35	47	35					*				*				35

NOVEMBER 1970

TABLE 25 (cont.)

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, READING 3A

PART II GRADE 06 HONOLULU SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTION A	B	C	D	E	F	G	H	I	J	K	L	ITEM NO.
1	63-	68	*								*				1
2	67-	73			*						*				2
3	64	62		*							*				3
4	46	44				*					*				4
5	40-	42				*					*				5
6	80-	84	*											*	6
7	68-	81		*										*	7
8	72=	72				*								*	8
9	59-	66					*							*	9
10	58	56					*							*	10
11	67	66		*		*						*			11
12	43	40					*					*			12
13	58	53				*						*			13
14	42	41		*								*			14
15	56	48	*									*			15
16	47-	50	*								*				16
17	64-	74		*							*				17
18	65-	62			*						*				18
19	57=	57				*					*				19
20	65-	74					*				*				20
21	74	70			*			*							21
22	52-	50	*					*							22
23	53	47		*				*							23
24	60-	70				*		*							24
25	54	51					*	*							25
26	48-	50	*							*			*		26
27	61-	67			*					*			*		27
28	49-	55				*				*			*		28
29	76-	64		*			*			*			*		29
30	26	18				*	*			*			*		30
31	40	39		*					*						31
32	44	36	*						*						32
33	36	26					*		*						33
34	45-	48				*			*						34
35	38	29			*				*						35

35+, 33-, 2=

NO. OF ITEMS	16	15	10	18	15	10	10	10	25	10	10	5	
NO. OF ITEMS BELOW	12	5	5	7	5	6	2	7	11	2	7	3	
% OF ITEMS BELOW	75	33	50	39	33	60	20	70	44	20	70	60	

DISTRICT TOTAL 3,075

CODE	DESCRIPTION	PARTS	CODE	DESCRIPTION	PARTS
A	REPRODUCE IDEAS	016	H	LETTER	010
B	TRANSLATE, INFERENCE	015	I	STORY	025
C	ANALYZE MOTIVATION	010	J	POETRY	010
D	ANALYZE PRESENTATION	018	K	OPINION, INTERPRET	010
E	CRITICIZE	015	L	PLAY	005
F	DIRECTIONS, ANNOUNCE	010			
G	INFORMATION, EXPLAIN	010			

TABLE 26

NOVEMBER 1970

ITEM STUDY OF SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, [illegible]

PART I [illegible]

ITEM NO.	% RESP CORRECT	PUPIL NORM	A	B	C	D	E	F	ITEM NO.
1	87	79		*					1
2	85	80		*					2
3	57	52		*					3
4	59=	59		*					4
5	53	57		*			*		5
6	36-	50			*				6
7	37-	47		*		*			7
8	47	44		*		*			8
9	78	67				*			9
10	64	57				*			10
11	69-	62				*		*	11
12	68-	74				*		*	12
13	43-	40				*		*	13
14	54	49				*		*	14
15	53	45				*		*	15
16	29-	42				*			16
17	64-	73	*			*			17
18	41	54	*			*			18
19	31	30	*			*			19
20	42	36			*				20
21	51-	58				*			21
22	15	11					*	*	22
23	27	19			*				23
24	27	20			*				24
25	22-	29			*				25

TABLE 26 (cont.)

NOVEMBER 1970

ITEM STUDY OF SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, [illegible]

PART II GRADE 08 [illegible] SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTION A	B	C	D	E	F	ITEM NO.
1	47-	70			*				1
2	60-	62			*				2
3	44-	50	*						3
4	45	42				*			4
5	30-	42	*						5
6	44-	57					*		6
7	50-	50	*						7
8	43-	50	*						8
9	48	41		*		*			9
10	73-	75				*		*	10
11	53-	55				*			11
12	20	17				*		*	12
13	35	32				*		*	13
14	47-	45			*				14
15	52	48			*				15
16	34-	40			*				16
17	39	32	*						17
18	59-	67					*		18
19	56	45			*				19
20	33	27				*			20
21	15	04			*				21
22	10	08				*			22
23	46	36			*				23
24	25	20			*				24
25	40-	46			*				25

26+, 21-, 1=

NO. OF ITEMS	6	3	15	22	4	5
NO. OF ITEMS BELOW	5	1	7	8	2	3
% OF ITEMS BELOW	83	33	47	36	50	33

DISTRICT TOTAL 3,680

CODE	DESCRIPTION	PARIS
A	NUMBER,OPERATION	008
B	SYMBOLISM	003
C	MEASUREMENT,GEOMETRY	015
D	FUNCTION,RELATION	022
E	PROOF	004
F	PROBABILITY, STATS	009

TABLE 27

NOVEMBER 1970

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, WRITING 3A

PART I GRADE 03 SELECTED SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	A	B	C	D	E	F	G	H	I	J	K	L	M	ITEM NO.
1	86	83		*				*								1
2	72	68	*				*	*								2
3	47-	52		*		*		*								3
4	47-	60			*	*		*								4
5	80	76		*				*								5
6	83-	91	*		*			*								6
7	60-	61	*		*						*					7
8	42-	57		*		*					*					8
9	61-	78				*	*				*					9
10	50	51		*		*					*					10
11	37-	43				*	*				*					11
12	62	57	*			*					*					12
13	51-	67		*		*									*	13
14	38	28		*		*									*	14
15	52-	55	*		*										*	15
16	52-	61		*		*									*	16
17	47	32	*			*									*	17
18	44-	53		*		*						*		*		18
19	53	45	*		*							*		*		19
20	45-	50		*		*						*		*		20
21	56	46				*	*					*		*		21
22	17-	27	*			*						*		*		22
23	57-	53		*		*						*		*		23
24	32	18		*								*		*		24
25	39-	58	*			*				*						25
26	51	46		*		*				*						26
27	42-	47	*	*						*						27
28	51-	64		*			*			*						28
29	61-	62				*	*			*						29
30	54-	56	*		*					*						30

NOVEMBER 1970

ITEM STUDY OF SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, WRITING 3A

PART II GRADE 09 HINSDALE SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTION A	B	C	D	E	F	G	H	I	J	K	L	M	ITEM NO.
1	28-	37	*	*				*				*				1
2	41	31		*		*		*				*				2
3	27-	30		*				*				*				3
4	40	30	*			*		*				*				4
5	26-	45	*			*		*				*				5
6	59=	59	*				*	*				*				6
7	71	57		*		*							*	*		7
8	36-	41		*		*							*	*		8
9	62	60	*		*								*	*		9
10	47-	57	*	*									*	*		10
11	38-	47		*		*							*	*		11
12	63-	74	*		*								*	*		12
13	51-	52	*			*							*	*		13
14	49-	53			*		*							*	*	14
15	32	16	*			*								*	*	15
16	36-	38	*				*							*	*	16
17	51	46	*		*									*	*	17
18	32	31	*				*							*	*	18
19	41=	41	*		*									*	*	19
20	32	30		*										*	*	20
21	48	44	*				*		*							21
22	43	40		*		*			*							22
23	32	22				*	*		*							23
24	41	34	*	*					*							24
25	37	34	*				*		*							25
26	42-	54		*			*		*							26
27	68-	73			*	*								*		27
28	61-	64	*			*								*		28
29	37-	38		*		*								*		29
30	52-	60	*			*								*		30

24+, 34-, 2=

NO. OF ITEMS	29	27	12	33	14	12	6	6	6	13	7	25	12
NO. OF ITEMS BELOW	15	16	8	21	7	6	1	5	4	7	5	15	5
% OF ITEMS BELOW	52	59	67	64	50	50	17	83	67	54	71	60	42

DISTRICT TOTAL 3,689

CODE	DESCRIPTION	PARTS	CODE	DESCRIPTION	PARTS
A	ORGANIZATION	029	H	STORY	006
B	CONVENTIONS	027	I	ANNOUNCEMENT	006
C	CRITICAL THINKING	012	J	DIRECTIONS	013
D	EFFECTIVENESS	033	K	REPORT	007
E	APPROPRIATENESS	014	L	ESSAY, SPEECH	025
F	LETTER	012	M	PERSONAL NARRATIVE	012
G	QUESTIONNAIRE	006			

TABLE 28

NOVEMBER 1970

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, READING 2A

PART I GRADE 10 HONOLULU SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTION A	B	C	D	E	F	G	H	I	J	K	L	ITEM NO.
1	65	47					*							*	1
2	75	71				*								*	2
3	52	45				*								*	3
4	31-	30		*										*	4
5	82	74		*										*	5
6	84-	87	*								*				6
7	44	38			*						*				7
8	49-	51				*					*				8
9	77-	85	*	*							*				9
10	79=	79				*					*				10
11	72	64		*			*		*						11
12	41-	53	*	*					*						12
13	64	41				*			*						13
14	41	36	*						*						14
15	50	43				*			*						15
16	54-	69			*								*		16
17	72	70			*								*		17
18	53-	58				*							*		18
19	43-	47		*									*		19
20	55	56				*							*		20
21	70-	77	*								*				21
22	76-	79					*				*				22
23	67-	73	*								*				23
24	44-	50				*					*				24
25	31-	55			*						*				25
26	70-	73		*						*			*		26
27	40-	45				*				*			*		27
28	61	50	*							*			*		28
29	34=	34			*					*			*		29
30	37	21				*				*			*		30
31	67	55			*							*			31
32	46	35				*						*			32
33	40-	43	*									*			33
34	25-	29		*								*			34
35	58	47				*						*			35

TABLE 28 (cont.)

NOVEMBER 1970

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, READING 2A

PART II GRADE 10 HONOLULU SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTION A	B	C	D	E	F	G	H	I	J	K	L	ITEM NO.
1	47-	52				*		*	*						1
2	47-	58	*					*	*						2
3	34-	37		*				*	*						3
4	54	49				*		*	*						4
5	53-	55			*			*	*						5
6	78-	82	*						*		*				6
7	72-	75			*				*		*				7
8	67-	78				*			*		*				8
9	63	62					*		*		*				9
10	43	39	*						*		*				10
11	69-	82			*					*					11
12	58-	60			*	*				*					12
13	60-	74	*							*					13
14	29-	35			*					*					14
15	33-	35	*							*					15
16	78-	81	*								*				16
17	67=	67		*							*				17
18	56-	76			*						*				18
19	22-	24			*		*				*				19
20	39	35				*					*				20
21	63-	73				*						*			21
22	75	74		*								*			22
23	53	39			*							*			23
24	67-	75	*									*			24
25	57	46					*					*			25
26	39-	44				*							*		26
27	34-	44			*								*		27
28	30-	36				*							*		28
29	41-	51	*										*		29
30	25	17		*									*		30
31	61-	72	*											*	31
32	63-	68				*								*	32
33	72	69				*								*	33
34	62	60	*	*										*	34
35	53-	56				*								*	35
20+, 41-, 3=															
NO. OF ITEMS			18	13	15	24	6	5	15	10	20	10	15	10	
NO. OF ITEMS BELOW			14	7	10	12	2	4	8	7	14	4	9	4	
% OF ITEMS BELOW			78	54	67	50	33	80	53	70	70	40	60	40	

DISTRICT TOTAL 3,796

CODE	DESCRIPTION	PARTS
A	REPRODUCE IDEAS	018
B	TRANSLATE, INFERENCE	013
C	ANALYZE MOTIVATION	015
D	ANALYZE PRESENTATION	024
E	CRITIZE	006
F	DIRECTIONS, ANNOUNCE	005
G	INFORMATION, EXPLAIN	015
H	LETTER	010
I	STORY	020
J	POETRY	010
K	OPINION, INTERPRET	015
L	PLAY	010

TABLE 29

NOVEMBER 1970

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, MATH 2A

PART I GRADE 10 HONOLULU SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTION A	B	C	D	E	F	ITEM NO.
1	20	19						*	1
2	18-	24						*	2
3	59-	64						*	3
4	17=	17				*			4
5	39=	39			*				5
6	25-	27				*			6
7	43-	50			*				7
8	39	34			*				8
9	44	40			*				9
10	55-	65			*				10
11	62-	69				*			11
12	36-	43	*						12
13	31-	34			*				13
14	22	20			*				14
15	16	11				*			15
16	71-	74				*			16
17	53-	63				*			17
18	60-	61			*				18
19	24=	24		*	*				19
20	36	26				*			20
21	40	35			*				21
22	35-	46				*			22
23	37-	45				*			23
24	39	27	*						24
25	19	15	*	*					25

TABLE 29 (cont.)

NOVEMBER 1970

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, MATH 2A

PART II GRADE 10 HONOLULU SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	A	B	C	D	E	F	ITEM DESCRIPTION	ITEM NO.
1	34-	37			*					1
2	55	49					*			2
3	29=	29	*	*						3
4	31	11	*	*						4
5	10-	12				*				5
6	38-	42						*		6
7	36	32	*							7
8	32	30				*				8
9	56-	57	*							9
10	57=	57			*					10
11	28	25		*		*				11
12	55	50			*					12
13	50	48				*				13
14	54	50				*				14
15	50	45				*				15
16	54	49						*		16
17	34	21				*				17
18	55-	68					*			18
19	43	38				*				19
20	29-	38			*					20
21	20	19			*					21
22	79-	87	*							22
23	39	33				*				23
24	38	25			*					24
25	21-	27		*		*				25

24+, 21-, 5=

NO. OF ITEMS	8	6	16	19	2	5	
NO. OF ITEMS BELOW	3	1	6	8	1	3	
% OF ITEMS BELOW	38	17	38	42	50	60	

DISTRICT TOTAL 3,731

CODE	DESCRIPTION	PARTS
A	NUMBER,OPERATION	008
B	SYMBOLISM	006
C	MEASUREMENT,GEOMETRY	016
D	FUNCTION,RELATION	019
E	PROOF	002
F	PROBABILITY, STATS	005

TABLE 30

NOVEMBER 1970

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, WRITING 2A

PART I GRADE 10 HONOLULU SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTION A	B	C	D	E	F	G	H	I	J	K	ITEM NO.
1	71	62		*		*							*	1
2	43-	50		*		*							*	2
3	43-	40		*		*							*	3
4	47	43		*									*	4
5	60=	68	*			*							*	5
6	55	51		*		*							*	6
7	71	52				*	*						*	7
8	33-	35		*		*							*	8
9	52	44	*			*			*					9
10	36-	43		*		*			*					10
11	65	63		*		*			*					11
12	53-	54		*					*					12
13	32	31		*		*			*					13
14	71	66		*					*					14
15	50	37	*		*				*					15
16	41	30	*		*						*			16
17	53-	59		*		*					*			17
18	45	37		*		*					*			18
19	65	60		*		*					*			19
20	51	45	*			*					*			20
21	53	48	*	*							*			21
22	42-	45	*								*			22
23	59-	63	*		*						*			23
24	35	30				*	*	*						24
25	48-	51		*				*						25
26	59	58		*		*		*						26
27	52	38				*	*	*						27
28	37	33	*	*				*						28
29	40	35	*			*		*						29
30	47	36	*	*				*						30

TABLE 30 (cont.)

NOVEMBER 1970

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, WRITING 70A

PART II GRADE 10 HONOLULU SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTION A	B	C	D	E	F	G	H	I	J	K	ITEM NO.
1	48	37	*		*							*	*	1
2	22	12		*		*						*	*	2
3	32	21		*		*						*	*	3
4	57	54		*	*							*	*	4
5	20-	21	*	*								*	*	5
6	61	56	*		*							*	*	6
7	53	50	*		*							*	*	7
8	40-	41	*			*							*	8
9	57-	59	*		*								*	9
10	54-	56	*		*								*	10
11	61-	63		*		*							*	11
12	38	34		*		*							*	12
13	35	33		*									*	13
14	48-	61	*		*								*	14
15	29-	35	*	*								*		15
16	53=	53		*		*						*		16
17	26-	36		*								*		17
18	45	40	*		*							*		18
19	77-	84		*								*		19
20	46	38			*	*						*		20
21	42-	48		*		*						*		21
22	43	30	*				*					*		22
23	42	25	*				*			*				23
24	62	55				*	*			*				24
25	54=	54				*	*			*				25
26	50=	50		*		*				*				26
27	40	34		*		*				*				27
28	26	22		*		*				*				28
29	46	43	*		*					*				29
30	23-	44		*			*			*				30
36+, 20-, 4=														
NO. OF ITEMS			24	35	13	32	8	7	7	8	8	15	22	
NO. OF ITEMS BELOW			8	14	4	8	1	1	2	1	3	5	9	
% OF ITEMS BELOW			33	40	31	25	13	14	29	13	38	33	41	

DISTRICT TOTAL 3,753

CODE	DESCRIPTION	PARTS
A	ORGANIZATION	024
B	CONVENTIONS	035
C	CRITICAL THINKING	013
D	EFFECTIVENESS	032
E	APPROPRIATENESS	008
F	MINUTES	007
G	DIRECTIONS	007
H	NEWS STORY	008
I	REPORT	008
J	ESSAY, SPEECH	015
K	PERSONAL NARRATIVE	022

TABLE 31

NOVEMBER 1970

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, READING 28

PART I GRADE 12 HONOLULU SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTION A	B	C	D	E	F	G	H	I	J	K	L	ITEM NO.
1	57=	57			*									*	1
2	71-	73	*											*	2
3	72-	73				*								*	3
4	72-	85		*										*	4
5	69	67		*										*	5
6	74-	75	*										*		6
7	91	88					*						*		7
8	65-	70			*								*		8
9	66-	72					*						*		9
10	79	80				*							*		10
11	74-	85			*		*			*					11
12	64-	62		*						*					12
13	76	75				*				*					13
14	52=	52	*							*					14
15	76-	82			*					*					15
16	84	79	*	*							*				16
17	74-	77	*	*							*				17
18	74=	74			*						*				18
19	71-	75					*				*				19
20	46-	49				*					*				20
21	67	58	*											*	21
22	55-	63		*										*	22
23	58-	60			*									*	23
24	63-	72		*										*	24
25	42-	51				*								*	25
26	80	78	*					*							26
27	74	58		*				*							27
28	63	52				*		*							28
29	61	52			*			*							29
30	58	57					*	*							30
31	76-	85	*						*				*		31
32	54	51			*				*				*		32
33	47-	54				*			*				*		33
34	57-	58					*		*				*		34
35	52	51		*					*				*		35

TABLE 31 (cont.)

NOVEMBER 1970

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, READING 2B

PART II GRADE 12 HONOLULU SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTION A	B	C	D	E	F	G	H	I	J	K	L	ITEM NO.
1	81-	95			*				*						1
2	89-	98		*					*						2
3	83-	95			*				*						3
4	42-	59				*			*						4
5	56	48					*		*						5
6	72	68		*								*			6
7	61	57		*								*			7
8	45-	54				*						*			8
9	71-	88	*									*			9
10	61	46					*					*			10
11	71-	78	*		*								*		11
12	58-	70		*									*		12
13	75-	79	*										*		13
14	54	50				*							*		14
15	49	41					*						*		15
16	79	78	*					*							16
17	80-	86					*	*							17
18	49-	53					*	*							18
19	86-	94				*		*							19
20	38	37					*	*							20
21	37-	59			*					*					21
22	58-	60	*							*					22
23	38-	51					*			*					23
24	63	51				*				*					24
25	44	43		*						*					25
26	63	53	*								*				26
27	81	79	*								*				27
28	82	76		*							*				28
29	53	50			*						*				29
30	35=	35				*					*				30
31	84-	87	*											*	31
32	65-	66					*							*	32
33	48-	69					*							*	33
34	49	38		*										*	34
35	36-	42				*								*	35
28+, 38-, 4=															
NO. OF ITEMS			16	16	13	14	15	10	10	10	10	5	15	15	
NO. OF ITEMS BELOW			9	7	8	8	9	3	7	6	3	2	9	11	
% OF ITEMS BELOW			56	44	62	57	60	30	70	60	30	40	60	73	

DISTRICT TOTAL 3,502

CODE	DESCRIPTION	PARTS	CODE	DESCRIPTION	PARTS
A	REPRODUCE IDEAS	016	H	LETTER	010
B	TRANSLATE, INFERENCE	016	I	STORY	010
C	ANALYZE MOTIVATION	013	J	POETRY	005
D	ANALYZE PRESENTATION	014	K	OPINION, INTERPRET	015
E	CRITICIZE	015	L	PLAY	015
F	DIRECTIONS, ANNOUNCE	010			
G	INFORMATION, EXPLAIN	010			

TABLE 32

NOVEMBER 1970

ITEM STUDY OF SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, MATH 12

PART I GRADE 12 HONOLULU SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	POPL NORM	A	B	C	D	E	F	ITEM DESCRIPTION	ITEM NO.
1	67-	66	*							1
2	35	32	*							2
3	53	54	*							3
4	50	53				*				4
5	55=	55					*			5
6	46	45				*				6
7	41-	43				*				7
8	69-	71	*							8
9	50	44				*				9
10	69-	71				*				10
11	60	56	*							11
12	47-	49	*							12
13	51-	60	*							13
14	37-	39		*	*					14
15	50	41	*							15
16	92-	98				*				16
17	62-	63				*				17
18	35-	35					*			18
19	59-	56				*				19
20	52	43				*				20
21	60	64				*				21
22	31	27				*				22
23	35	26				*				23
24	43	44				*				24
25	43	41		*		*				25

TABLE 32 (cont.)

NOVEMBER 1970

ITEM STUDY OF SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, MATH 2B

PART II GRADE 12 HONOLULU SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	POOL NORM	A	B	C	D	E	F	ITEM NO.
1	55-	57	*						1
2	36	22	*	*					2
3	46	46				*			3
4	40	34				*			4
5	40	32			*				5
6	39	34			*				6
7	58	47				*			7
8	54-	71	*						8
9	47-	54	*						9
10	63-	66	*						10
11	40	39			*				11
12	47	42	*						12
13	60-	62						*	13
14	65	61						*	14
15	26	24						*	15
16	76-	79				*			16
17	73	63	*						17
18	53=	53			*				18
19	61	53		*		*			19
20	56-	65						*	20
21	15-	21						*	21
22	55-	56					*	*	22
23	47	41	*						23
24	33-	43				*			24
25	20-	27		*		*			25

20+, 22-, 2=

NO. OF ITEMS	16	5	5	21	1	2	
NO. OF ITEMS BELOW	8	2	1	8	1	3	
% OF ITEMS BELOW	50	40	20	38	100	60	

DISTRICT TOTAL 3,342

CODE	DESCRIPTION	PARTS
A	NUMBER, OPERATION	016
B	SYMBOLISM	005
C	MEASUREMENT, GEOMETRY	005
D	FUNCTION, RELATION	021
E	PROOF	001
F	PROBABILITY, STATS	005

TABLE 33

NOVEMBER 1970

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, WRITING 2B

PART I GRADE 12 HONOLULU SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTION A	B	C	D	E	F	G	H	I	J	K	L	ITEM NO.
1	76	74		*		*		*							1
2	21-	42		*			*	*							2
3	61	47	*		*			*							3
4	75	75		*				*							4
5	80	78				*	*	*							5
6	60-	68		*		*		*							6
7	44-	67		*		*		*							7
8	52-	68	*		*						*				8
9	42-	56		*							*				9
10	65-	67		*	*						*				10
11	72	69		*	*						*				11
12	57	50	*		*						*				12
13	73	56		*							*				13
14	57	55	*		*						*				14
15	72	71			*		*					*			15
16	50-	52	*		*							*			16
17	64	51	*		*							*			17
18	76	62	*		*							*			18
19	37-	54	*		*							*			19
20	56=	56				*	*					*			20
21	72-	75		*		*						*			21
22	63	51	*		*							*			22
23	81	75	*		*				*						23
24	74	71				*	*		*						24
25	41	27		*			*		*						25
26	55	47		*		*			*						26
27	58-	60	*		*				*						27
28	60	35					*		*						28
29	65-	70			*		*		*						29
30	68	56			*		*		*						30

NOVEMBER 1970

TABLE 33 (cont.)

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, WRITING 23

PART II GRADE 12 HONOLULU SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTION A	B	C	D	E	F	G	H	I	J	K	L	ITEM NO.
1	38-	48		*									*		1
2	42-	54				*	*						*		2
3	37-	56		*		*							*		3
4	18-	25		*			*						*		4
5	24-	30	*			*							*		5
6	59-	61		*									*		6
7	27-	28	*			*							*		7
8	33-	44			*		*							*	8
9	51-	52		*		*								*	9
10	27=	27	*			*								*	10
11	45-	59		*		*								*	11
12	31	25		*		*								*	12
13	66	57		*		*								*	13
14	51-	56		*		*								*	14
15	47-	51			*									*	15
16	68=	68			*		*			*					16
17	64	57		*						*					17
18	60-	61		*						*					18
19	28-	41			*		*			*					19
20	37-	39			*	*				*					20
21	66-	77					*			*					21
22	47-	52			*		*			*					22
23	83	79		*						*					23
24	50	40		*	*							*			24
25	58-	60		*	*							*			25
26	51-	64		*	*							*			26
27	39=	39	*		*							*			27
28	66-	67				*	*					*			28
29	60	57				*	*					*			29
30	58=	58	*	*								*			30
24+, 31-, 5=															
NO. OF ITEMS			16	28	26	21	18	7	8	8	7	15	7	8	
NO. OF ITEMS BELOW			6	16	13	12	9	3	2	5	3	6	7	5	
% OF ITEMS BELOW			38	57	50	57	50	43	25	63	43	40	100	63	

DISTRICT TOTAL 3,423

CODE	DESCRIPTION	PARTS
A	ORGANIZATION	016
B	CONVENTIONS	028
C	CRITICAL THINKING	026
D	EFFECTIVENESS	021
E	APPROPRIATENESS	018
F	STORY	007
G	ANNOUNCEMENT	008
H	EDITORIAL	008
I	REPORT	007
J	ESSAY,SPEECH	015
K	PERSONAL NARRATIVE	007
L	CHARACTER STUDY	008

TABLE 34

NOVEMBER 1970

ITEM STUDY OF SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, READING 9A

PART I [illegible] CENTRAL CORNELL DISTRICT

ITEM NO.	% RESP CORRECT	POOL NORM	A	B	C	D	E	F	G	H	I	J	K	L	ITEM NO.
1	52	56			*						*				1
2	49-	54		*							*				2
3	70	72	*								*				3
4	28	10				*					*				4
5	53	46					*				*				5
6	70	62	*									*			6
7	51	45	*									*			7
8	57-	60	*									*			8
9	48	47		*		*						*			9
10	63-	65					*					*			10
11	52	50	*					*							11
12	56	49	*					*							12
13	51	49	*					*							13
14	61	59			*			*							14
15	53-	56					*	*							15
16	37	42		*						*					16
17	66-	72	*							*					17
18	51	49	*							*					18
19	55-	62				*				*					19
20	54-	61				*				*					20
21	49-	52	*						*						21
22	40-	42		*					*						22
23	31-	33	*						*						23
24	23-	28					*		*						24
25	25-	40			*				*						25
26	40-	35	*											*	26
27	26	24					*							*	27
28	28-	34			*									*	28
29	28-	33				*								*	29
30	25-	45		*										*	30
31	16-	24					*	*	*						31
32	16-	22				*		*	*						32
33	14-	17	*					*	*						33
34	14-	24			*			*	*						34
35	14-	20	*				*	*	*						35

TABLE 34 (cont.)

NOVEMBER 1970

ITEM STUDY ON SEQUENTIAL TESTS OF [illegible]

PART II GRADE 04 [illegible] SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	POOL NORM	ITEM CHARACTERISTICS A	B	C	D	E	F	G	H	I	J	K	L	ITEM NO.
1	76	67	*						*						
2	79	74		*					*						2
3	39-	40				*			*						3
4	67	66				*			*						4
5	72	64					*		*						5
6	66=	66			*						*				6
7	55-	63				*					*				7
8	57-	63		*			*				*				8
9	41	36		*			*				*				9
10	63-	69	*								*				10
11	56-	62		*								*			11
12	46	44					*					*			12
13	66-	71	*									*			13
14	67-	69			*							*			14
15	39-	40				*						*			15
16	60-	62	*								*				16
17	39	38		*							*				17
18	30	13				*					*				18
19	54-	55	*								*				19
20	42=	42					*				*				20
21	36	28				*					*				21
22	57	52			*						*				22
23	39-	44		*							*				23
24	25-	30					*				*				24
25	30	30	*								*				25
26	25	23	*					*							26
27	30	20	*					*							27
28	31-	32				*		*							28
29	29	24		*				*							29
30	32-	34					*	*							30
31	32-	39	*								*				31
32	25-	30				*					*				32
33	24	22		*							*				33
34	17=	17					*				*				34
35	27-	30			*						*				35

29+, 38-, 3=

NO. OF ITEMS	23	13	9	14	15	15	15	10	20	10	5	5
NO. OF ITEMS BELOW	12	6	5	9	8	8	11	6	8	6	5	4
% OF ITEMS BELOW	52	46	56	64	53	53	73	60	40	60	100	80

DISTRICT TOTAL 2,782

CODE	DESCRIPTION	PARTS	CODE	DESCRIPTION	PARTS
A	REPRODUCE IDEAS	023	H	LETTER	010
B	TRANSLATE, INFERENCES	013	I	STORY	020
C	ANALYZE MOTIVATION	009	J	POETRY	010
D	ANALYZE PRESENTATION	014	K	OPINION, INTERPRET	008
E	CRITICIZE	015	L	PLAY	008
F	DIRECTIONS, ANNOUNCE	015			
G	INFORMATION, EXPLAIN	015			

TABLE 35

NOVEMBER 1970

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, [illegible]

PART I GRADE 04 CENTRAL SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM RESPONSES A	B	C	D	E	F	ITEM NO.
1	37-	45			*				1
2	63-	75	*						2
3	27	23			*				3
4	36-	42	*						4
5	31-	44			*				5
6	19	15			*				6
7	29-	42				*		*	7
8	29-	33	*						8
9	29-	40	*						9
10	54-	65		*					10
11	36-	50					*		11
12	59-	51	*						12
13	79-	80	*						13
14	41-	40	*						14
15	10-	15	*						15
16	10-	15	*						16
17	63	57			*				17
18	73-	77			*				18
19	40-	50			*				19
20	42-	62				*			20
21	42-	50			*	*			21
22	20-	29	*						22
23	10-	10	*						23
24	44	43			*				24
25	55-	67			*				25

NOVEMBER 1970

TABLE 35 (cont.)

ITEM STUDY ON SEQUENTIAL TESTS OF [illegible]

PART II GRADE 04 [illegible]

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTION A	B	C	D	E	F	ITEM NO.
1	33-	50	*						1
2	31-	40	*						2
3	33	35	*						3
4	22	20	*						4
5	13-	32				*			5
6	20	18				*			6
7	47	37			*				7
8	20-	35				*			8
9	22	12		*					9
10	36-	47					*	*	10
11	29	22				*		*	11
12	47-	60	*						12
13	40-	51		*					13
14	28	18	*						14
15	20	23				*			15
16	31-	53		*					16
17	32	19	*						17
18	34	32			*				18
19	36-	45			*				19
20	32-	35	*						20
21	26-	38	*						21
22	30-	32	*						22
23	25	23	*						23
24	18-	21	*						24
25	16	15			*				25

16+, 34-, 0=

NO. OF ITEMS	25	4	14	6	2	3
NO. OF ITEMS BELOW	18	3	7	5	2	2
% OF ITEMS BELOW	72	75	50	83	100	67

DISTRICT TOTAL 2,734

CODE	DESCRIPTION	PARTS
A	NUMBER, OPERATION	023
B	SYMBOLISM	004
C	MEASUREMENT, GEOMETRY	014
D	FUNCTION, RELATION	008
E	PROOF	002
F	PROBABILITY, STATS	003

TABLE 36

NOVEMBER 1970

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, WRITING 4

PART I GRADE 04 CENTRAL SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	A	B	C	D	E	F	G	H	I	J	K	L	ITEM NO.
1	47	41		*					*						1
2	65	58		*					*						2
3	60	49		*			*		*						3
4	57=	57		*		*			*						4
5	38	35		*					*						5
6	63	56		*					*						6
7	44	45			*	*								*	7
8	36	33		*		*								*	8
9	48	43		*										*	9
10	53	47	*											*	10
11	29-	37		*										*	11
12	46	39		*										*	12
13	34	28				*	*			*			*		13
14	30	16	*	*						*			*		14
15	41-	42	*		*					*			*		15
16	30	22	*	*						*			*		16
17	46	36	*				*			*			*		17
18	37-	42	*		*					*			*		18
19	31	23	*	*					*						19
20	30	26		*			*		*						20
21	36	34		*			*		*						21
22	32	29	*	*					*						22
23	30-	32		*		*			*						23
24	53	51		*			*		*						24
25	42=	42		*					*						25
26	33	22	*				*				*				26
27	20-	23		*		*					*				27
28	21	16	*		*						*				28
29	29	27		*		*					*				29
30	22-	25		*		*					*				30

TABLE 36 (cont,)

NOVEMBER 1970

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, WRITING 4A

PART II GRADE 04 CENTRAL SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTION A	B	C	D	E	F	G	H	I	J	K	L	ITEM NO.
1	36	34		*			*					*	*		1
2	37	32		*			*					*	*		2
3	39	31	*									*	*		3
4	46	37		*	*							*	*		4
5	45-	49		*		*						*	*		5
6	35	31		*					*						6
7	37-	41					*		*						7
8	36-	47				*			*						8
9	24	22		*					*						9
10	33=	33		*			*		*						10
11	32	26	*	*				*							11
12	34=	34		*				*							12
13	32	28		*		*		*							13
14	38	30		*		*		*							14
15	36	32		*				*							15
16	34-	46		*			*	*							16
17	24	09		*				*							17
18	30	29	*	*				*							18
19	32-	36		*		*				*				*	19
20	40-	41		*		*				*				*	20
21	31	12		*			*			*				*	21
22	38	32		*		*				*				*	22
23	29	21					*			*				*	23
24	22	04	*							*				*	24
25	35	26	*			*				*				*	25
26	20-	21		*		*				*			*		26
27	24	16		*		*				*			*		27
28	18	10	*							*			*		28
29	25	17		*		*				*			*		29
30	30-	33		*			*			*			*		30
42+, 14-, 4=															
NO. OF ITEMS			16	45	5	19	15	8	18	15	5	5	10	13	6
NO. OF ITEMS BELOW			2	10	2	8	3	1	3	6	2	1	3	4	1
% OF ITEMS BELOW			13	22	40	42	20	13	17	33	40	20	30	31	17

DISTRICT TOTAL 2,755

CODE	DESCRIPTION	PARTS	CODE	DESCRIPTION	PARTS
A	ORGANIZATION	016	H	STORY	016
B	CONVENTIONS	045	I	ANNOUNCEMENT	005
C	CRITICAL THINKING	005	J	REPORT	005
D	EFFECTIVENESS	019	K	ESSAY, SPEECH	010
E	APPROPRIATENESS	015	L	PERSONAL NARRATIVE	013
F	MINUTES	008	M	CHARACTER STUDY	006
G	LETTER	018			

2 OF 3

ED 074 441

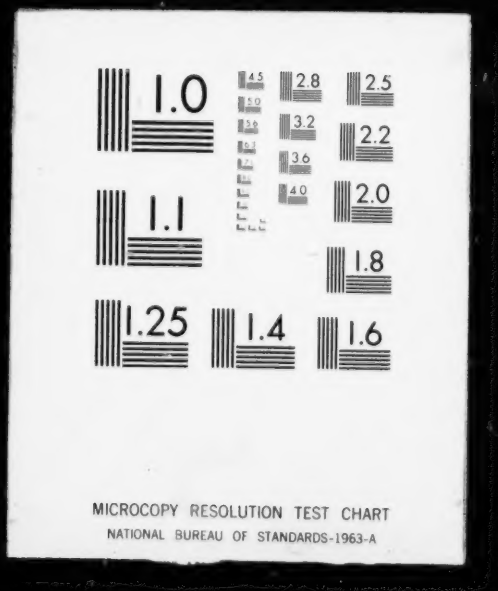

TABLE 37

NOVEMBER 1970

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, READING 4B

PART I GRADE 06 CENTRAL SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTION A	B	C	D	E	F	G	H	I	J	K	L	ITEM NO.
1	93	87	*								*		*		1
2	88	78	*								*		*		2
3	87	75	*								*		*		3
4	87	85			*		*				*		*		4
5	80	72									*		*		5
6	78-	75	*								*				6
7	81-	67		*							*				7
8	87	85			*						*				8
9	74	70					*				*				9
10	75	66				*					*				10
11	84-	85	*									*			11
12	56-	68		*								*			12
13	33	29			*							*			13
14	32-	36				*						*			14
15	48	00				*						*			15
16	86	81			*				*						16
17	80	75	*	*					*						17
18	68	81	*						*						18
19	74	00				*			*						19
20	75	74					*		*						20
21	82	71	*	*				*	*						21
22	74	70	*					*	*						22
23	80	85			*			*	*						23
24	75	75	*					*	*						24
25	46=	40					*	*	*						25
26	65	56	*								*				26
27	55	45		*							*				27
28	59	53					*				*				28
29	59	51		*							*				29
30	57	54		*							*				30
31	50	47	*							*					31
32	20-	25		*						*					32
33	43	32			*					*					33
34	31-	37			*					*					34
35	52	44					*			*					35

TABLE 37 (cont.)

NOVEMBER 1970

ITEM STUDY OF SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, [illegible]

PART II GRADE 05 CENTRAL SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTION A	B	C	D	E	F	G	H	I	J	K	L	ITEM NO.
1	82-	88	*								*				1
2	70-	74	*								*				2
3	83	82		*							*				3
4	85-	90			*						*				4
5	80-	87			*	*					*				5
6	82-	85	*							*					6
7	59	57		*						*					7
8	89=	89				*				*					8
9	67	58			*					*					9
10	88-	90				*				*					10
11	84=	84		*				*	*						11
12	75	67	*				*	*	*						12
13	28-	34	*	*				*	*						13
14	57-	67			*			*	*						14
15	56-	65					*	*	*						15
16	65	58	*									*			16
17	77=	77			*							*			17
18	81-	91		*								*			18
19	64	58					*					*			19
20	71-	72			*							*			20
21	66-	67	*						*		*				21
22	42	41	*				*		*		*				22
23	78	69			*				*		*				23
24	60-	64		*					*		*				24
25	40	33				*			*		*				25
26	68-	72		*										*	26
27	73	65	*											*	27
28	53-	57			*									*	28
29	56	48			*									*	29
30	70	67				*								*	30
31	66	58	*						*				*		31
32	43	40		*					*				*		32
33	39	27			*				*				*		33
34	29-	33				*			*				*		34
35	52	44					*		*				*		35
43+, 23-, 4=															
NO. OF ITEMS			22	16	17	10	11	10	25	10	25	10	10	5	
NO. OF ITEMS BELOW			7	7	6	4	1	3	6	4	8	5	1	2	
% OF ITEMS BELOW			32	44	35	40	9	30	24	40	32	50	10	40	

DISTRICT TOTAL 2,754

CODE	DESCRIPTION	PARTS
A	REPRODUCE IDEAS	022
B	TRANSLATE, INFERENCES	016
C	ANALYZE MOTIVATION	017
D	ANALYZE PRESENTATION	010
E	CRITIZE	011
F	DIRECTIONS, ANNOUNCE	010
G	INFORMATION, EXPLAIN	025
H	LETTER	010
I	STORY	025
J	POETRY	010
K	OPINION, INTERPRET	010
L	PLAY	005

TABLE 38

NOVEMBER 1970

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, FORM 4B

PART I GRADE 08 CENTRAL SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTION A	B	C	D	E	F	ITEM NO.
1	60-	67				*			1
2	33-	34				*			2
3	53=	53				*			3
4	25-	33				*			4
5	40-	48				*			5
6	64-	65					*		6
7	43	22	*						7
8	63	26	*	*					8
9	83-	89			*				9
10	84	79		*					10
11	60-	63			*				11
12	34-	37					*		12
13	80	78	*						13
14	44	38						*	14
15	46=	46	*						15
16	45	37			*				16
17	81	79			*				17
18	58-	59	*						18
19	28-	34	*						19
20	78	62	*						20
21	61	55				*			21
22	70-	80				*			22
23	29-	33				*			23
24	41-	60		*	*				24
25	39-	41				*			25

TABLE 38 (cont.)

NOVEMBER 1970

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, [illegible]

PART II GRADE 10 CENTRAL SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	A	B	C	D	E	F	ITEM DESCRIPTION	ITEM NO.
1	52-	54			*					1
2	83-	84	*							2
3	79	72	*							3
4	48-	55	*							4
5	45-	59	*							5
6	41-	56					*			6
7	91-	97	*							7
8	40	34				*				8
9	49	45			*					9
10	88	80				*				10
11	53-	64				*		*		11
12	61	60				*		*		12
13	44-	45				*		*		13
14	68	58	*	*						14
15	30	29	*	*						15
16	56	55			*					16
17	77-	80	*							17
18	50-	62	*							18
19	44	40	*							19
20	31	25				*				20
21	49	38			*					21
22	66	67				*				22
23	38	34	*							23
24	66=	60	*		*					24
25	56-	58	*							25

22+, 25-, 3=

NO. OF ITEMS	20	5	10	16	3	4	
NO. OF ITEMS BELOW	9	1	4	9	3	2	
% OF ITEMS BELOW	45	20	40	56	100	50	

DISTRICT TOTAL 2,754

CODE	DESCRIPTION	PARTS
A	NUMBER,OPERATION	020
B	SYMBOLISM	005
C	MEASUREMENT,GEOMETRY	010
D	FUNCTION, RELATION	016
E	PROOF	003
F	PROBABILITY, STATS	004

TABLE 39

NOVEMBER 1970

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, WRITING

PART I — GRADE 06 — CENTRAL SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	A	B	C	D	ITEM E	F	G	H	I	J	K	L	M	ITEM NO.
1	72	59			*	*				*					*	1
2	52-	61		*		*				*					*	2
3	46-	48		*			*			*					*	3
4	59-	61		*						*					*	4
5	54	53	*			*				*					*	5
6	50	45	*			*				*					*	6
7	70-	80		*		*				*					*	7
8	65-	56			*	*				*						8
9	28	21				*	*			*						9
10	56	56		*		*				*						10
11	36-	32		*		*				*						11
12	68	67	*			*				*						12
13	76	51			*		*			*						13
14	42-	49		*		*						*				14
15	55	52		*	*							*				15
16	48	44			*	*						*				16
17	70	65			*							*				17
18	33-	40	*			*						*				18
19	39-	58	*	*								*				19
20	70	59		*					*							20
21	80	76		*					*							21
22	61	55		*			*		*							22
23	58	53				*	*		*							23
24	55-	56					*		*							24
25	49-	56		*			*		*							25
26	53	46	*		*						*					26
27	56	52		*		*					*					27
28	48	36		*		*					*					28
29	62	55	*		*						*					29
30	51-	54		*			*				*					30

TABLE 39 (cont.)

NOVEMBER 1970

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, WRITING 4S

PART II GRADE 08 CENTRAL SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTION A	B	C	D	E	F	G	H	I	J	K	L	M	N	ITEM NO.
1	23-	40	*	*					*								1
2	52	46	*				*		*								2
3	74-	76		*			*		*								3
4	40=	40			*		*		*								4
5	42-	45		*		*			*								5
6	62-	63	*				*		*								6
7	66	56	*		*										*	*	7
8	68	62		*		*									*	*	8
9	80-	82					*								*	*	9
10	66	62	*		*										*	*	10
11	63	59		*											*	*	11
12	77-	78		*		*									*	*	12
13	56-	62		*		*									*	*	13
14	52-	53		*		*		*									14
15	50-	51		*		*		*									15
16	42-	56		*	*			*									16
17	48-	54		*		*		*									17
18	52-	53		*		*		*									18
19	51	44	*		*			*									19
20	51-	54		*		*				*					*		20
21	35-	37	*			*				*					*		21
22	55-	65		*		*				*					*		22
23	39-	47		*		*				*					*		23
24	44-	52		*		*				*					*		24
25	63	60	*				*			*					*		25
26	47	46			*	*							*	*			26
27	61	46	*			*							*	*			27
28	51-	54		*		*							*	*			28
29	38-	41		*			*						*	*			29
30	42	36		*		*							*	*			30
28+, 31-, 1=																	
NO. OF ITEMS			30	35	14	33	15	6	12	19	5	6	5	5	20	7	
NO. OF ITEMS BELOW			9	25	2	19	8	3	6	11	1	3	4	2	12	3	
% OF ITEMS BELOW			31	71	14	58	53	83	50	58	20	50	80	40	60	43	

DISTRICT TOTAL 2,754

CODE	DESCRIPTION	PARTS	CODE	DESCRIPTION	PARTS
A	ORGANIZATION	016	H	STORY	019
B	CONVENTIONS	035	I	ANNOUNCEMENT	005
C	CRITICAL THINKING	014	J	EDITORIAL	006
D	EFFECTIVENESS	033	K	DIRECTIONS	005
E	APPROPRIATENESS	015	L	NEWS STORY	005
F	MINUTES	006	M	PERSONAL NARRATIVE	020
G	LETTER	012	N	CHARACTER STUDY	007

TABLE 40

NOVEMBER 1970

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, READING 3A

PART I GRADE 03 CENTRAL SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTION A	B	C	D	E	F	G	H	I	J	K	L	ITEM NO.
1	64	54					*			*					1
2	67-	69				*				*					2
3	93	90	*							*					3
4	63-	61		*						*					4
5	92-	95			*					*					5
6	81-	83	*					*							6
7	38-	39	*					*							7
8	60-	62				*		*							8
9	34	23					*	*							9
10	59-	61		*				*							10
11	67	66	*								*				11
12	74	72				*					*				12
13	35	27		*							*				13
14	55	49					*				*				14
15	24	13					*				*				15
16	72-	76	*						*		*				16
17	66	66	*						*		*				17
18	49	40			*				*		*				18
19	50	43				*			*		*				19
20	24	16				*			*		*				20
21	58	57	*										*		21
22	45-	53			*								*		22
23	56	52		*									*		23
24	43	35				*							*		24
25	47	44					*						*		25
26	41-	45	*									*			26
27	32	24				*						*			27
28	53	38		*								*			28
29	32-	46					*					*			29
30	30	27		*	*							*			30
31	60-	61	*								*				31
32	18	15		*							*				32
33	33	24			*						*				33
34	41	31				*					*				34
35	47	35					*				*				35

NOVEMBER 1970

TABLE 40 (cont.)

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, READING 3A

PART II GRADE 08 CENTRAL SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTION A	B	C	D	E	F	G	H	I	J	K	L	ITEM NO.
1	62-	88	*								*				1
2	68-	73			*						*				2
3	66	62		*							*				3
4	49	44				*					*				4
5	41-	48				*					*				5
6	64=	64	*											*	6
7	69-	81		*										*	7
8	73	72				*								*	8
9	62-	66					*							*	9
10	59	56					*							*	10
11	65-	66		*		*						*			11
12	40=	40					*					*			12
13	60	53				*						*			13
14	46	41		*								*			14
15	56	48	*									*			15
16	49-	50	*								*				16
17	65-	74		*							*				17
18	64-	82			*						*				18
19	59	57				*					*				19
20	67-	74					*				*				20
21	74	70			*			*							21
22	54-	56	*					*							22
23	53	47		*				*							23
24	60-	70				*		*							24
25	53	51					*	*							25
26	47-	50	*							*			*		26
27	60-	67			*					*			*		27
28	47-	55				*				*			*		28
29	76-	84		*			*			*			*		29
30	29	18				*	*			*			*		30
31	40	39		*					*						31
32	46	36	*						*						32
33	35	28					*		*						33
34	46-	48				*			*						34
35	38	29			*				*						35

39+, 29-, 2=

NO. OF ITEMS	16	15	10	18	15	10	10	10	25	10	10	5
NO. OF ITEMS BELOW	9	6	5	7	4	6	2	7	9	3	5	2
% OF ITEMS BELOW	56	40	50	39	27	60	20	70	36	30	50	40

DISTRICT TOTAL 2,503

CODE	DESCRIPTION	PARTS
A	REPRODUCE IDEAS	016
B	TRANSLATE, INFERENCE	015
C	ANALYZE MOTIVATION	010
D	ANALYZE PRESENTATION	018
E	CRITICIZE	015
F	DIRECTIONS, ANNOUNCE	010
G	INFORMATION, EXPLAIN	010
H	LETTER	010
I	STORY	025
J	POETRY	010
K	OPINION, INTERPRET	010
L	PLAY	005

TABLE 41

NOVEMBER 1970

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, MATH 3A

PART I GRADE 08 CENTRAL SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DISCRIMINATION A	B	C	D	E	F	ITEM NO.
1	65	79		*					1
2	65	80		*					2
3	56	53		*					3
4	61	59		*					4
5	52	37		*			*		5
6	37-	30			*				6
7	37-	47		*		*			7
8	45	44		*		*			8
9	81	87				*			9
10	63	57				*			10
11	71-	82				*		*	11
12	72-	74				*		*	12
13	47	40				*		*	13
14	51	49				*		*	14
15	51	45				*		*	15
16	29-	42				*			16
17	65-	73	*			*			17
18	40	34	*			*			18
19	27-	30	*			*			19
20	41	36			*				20
21	51-	56				*			21
22	10	11					*	*	22
23	24	19			*				23
24	25-	26			*				24
25	21-	29			*				25

TABLE 41 (cont.)

NOVEMBER 1970

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, MATH 3A

PART II GRADE 08 CENTRAL SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTORS A	B	C	D	E	F	ITEM NO.
1	49-	70			*				1
2	58-	62			*				2
3	38-	50	*						3
4	46-	42				*			4
5	33-	42	*						5
6	41-	57					*		6
7	46-	56	*						7
8	40-	58	*						8
9	47	41		*		*			9
10	72-	75				*		*	10
11	50-	55				*			11
12	19	18				*		*	12
13	36	33				*		*	13
14	43-	49			*				14
15	49	48			*				15
16	29-	40			*				16
17	37	32	*						17
18	60-	67					*		18
19	48	45			*				19
20	30	27				*			20
21	11	04			*				21
22	9	06				*			22
23	45	36			*				23
24	24	20			*				24
25	40-	46			*				25
26+, 24-, 0=									
NO. OF ITEMS			6	8	15	22	4	5	
NO. OF ITEMS BELOW			0	1	8	10	2	3	
% OF ITEMS BELOW			75	13	53	45	50	38	

DISTRICT TOTAL 2,499

CODE	DESCRIPTION	PARTS
A	NUMBER,OPERATION	008
B	SYMBOLISM	008
C	MEASUREMENT,GEOMETRY	015
D	FUNCTION,RELATION	022
E	PROOF	004
F	PROBABILITY, STATS	009

TABLE 42

NOVEMBER 1970

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, WRITING 3A

PART I GRADE 05 . CENTRAL SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTION A	B	C	D	E	F	G	H	I	J	K	L	M	ITEM NO.
1	8c	85		*				*								1
2	73	85	*				*	*								2
3	48-	52		*		*		*								3
4	50-	60			*	*		*								4
5	82	78		*				*								5
6	85-	91	*		*			*								6
7	56-	61	*		*						*					7
8	40-	57		*		*					*					8
9	66-	79				*	*				*					9
10	37	31		*		*					*					10
11	35-	43				*	*				*					11
12	62	57	*			*					*					12
13	55-	57		*		*									*	13
14	41	26		*		*									*	14
15	53-	55	*		*										*	15
16	55-	61		*		*									*	16
17	50	32	*			*									*	17
18	45-	56		*		*						*		*		18
19	53	49	*		*							*		*		19
20	47-	58		*		*						*		*		20
21	53	46				*	*					*		*		21
22	20-	27	*			*						*		*		22
23	36-	53		*		*						*		*		23
24	28	18		*								*		*		24
25	42-	56	*			*				*						25
26	50	46		*		*				*						26
27	40-	47	*	*						*						27
28	50-	64		*			*			*						28
29	59-	68				*	*			*						29
30	50=	56	*		*					*						30

NOVEMBER 1970

TABLE 42 (cont.)

ITEM STUDY IN SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, WRITING

PART II GRADE 05 CENTRAL SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTION A	B	C	D	E	F	G	H	I	J	K	L	M	ITEM NO.
1	28-	37	*	*				*				*				1
2	42	31		*		*		*				*				2
3	29-	30		*				*				*				3
4	40	30	*			*		*				*				4
5	27-	45	*			*		*				*				5
6	60	55	*				*	*				*				6
7	74	57		*		*							*	*		7
8	34-	41		*		*							*	*		8
9	64	60	*		*								*	*		9
10	50-	57	*	*									*	*		10
11	37-	47		*		*							*	*		11
12	64-	74	*		*								*	*		12
13	52=	52	*			*							*	*		13
14	52-	53			*		*							*	*	14
15	32	16	*			*								*	*	15
16	38=	38	*				*							*	*	16
17	53	46	*		*									*	*	17
18	34	31	*				*							*	*	18
19	40-	41	*		*									*	*	19
20	33	30		*										*	*	20
21	51	44	*				*		*							21
22	44	40		*		*			*							22
23	32	22				*	*		*							23
24	41	34	*	*					*							24
25	35	34	*				*		*							25
26	43-	54		*			*		*							26
27	73=	73			*	*								*		27
28	65	64	*			*								*		28
29	36=	38		*		*								*		29
30	51-	60	*			*								*		30
26+, 29-, 5=																
NO. OF ITEMS			29	27	12	33	14	12	6	0	0	13	7	25	12	
NO. OF ITEMS BELOW			12	15	7	17	6	6	3	4	4	7	4	11	5	
% OF ITEMS BELOW			41	56	58	52	43	50	17	67	67	54	57	44	42	

DISTRICT TOTAL 2,494

CODE	DESCRIPTION	PARTS	CODE	DESCRIPTION	PARTS
A	ORGANIZATION	029	H	STORY	006
B	CONVENTIONS	027	I	ANNOUNCEMENT	006
C	CRITICAL THINKING	012	J	DIRECTIONS	013
D	EFFECTIVENESS	033	K	REPORT	007
E	APPROPRIATENESS	014	L	ESSAY, SPEECH	025
F	LETTER	012	M	PERSONAL NARRATIVE	012
G	QUESTIONNAIRE	006			

TABLE 43

NOVEMBER 1970

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, READING 2A

PART I GRADE 10 CENTRAL SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTION A	B	C	D	E	F	G	H	I	J	K	L	ITEM NO.
1	68	47					*							*	1
2	77	71				*								*	2
3	54	45				*								*	3
4	36-	50		*										*	4
5	80	74		*										*	5
6	90	87	*								*				6
7	49	38			*						*				7
8	54	51				*					*				8
9	84-	85	*	*							*				9
10	82	79				*					*				10
11	77	64		*			*		*						11
12	42-	53	*	*					*						12
13	69	41				*			*						13
14	43	36	*						*						14
15	50	43				*			*						15
16	58-	69			*								*		16
17	77	70			*								*		17
18	56-	58				*							*		18
19	47=	47		*									*		19
20	62	56				*							*		20
21	76-	77	*								*				21
22	80	79					*				*				22
23	72-	73	*								*				23
24	47-	50				*					*				24
25	38-	55			*						*				25
26	73=	73		*						*			*		26
27	44-	45				*				*			*		27
28	61	50	*							*			*		28
29	35	34			*					*			*		29
30	34	21				*				*			*		30
31	73	55			*							*			31
32	45	35				*						*			32
33	42-	43	*									*			33
34	27-	29		*								*			34
35	63	47				*						*			35

TABLE 43 (cont.)

NOVEMBER 1970

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, READING 2A

PART II GRADE 10 CENTRAL SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTION A	B	C	D	E	F	G	H	I	J	K	L	ITEM NO.
1	52=	52				*		*	*						1
2	54-	58	*					*	*						2
3	37=	37		*				*	*						3
4	55	49				*		*	*						4
5	57	55			*			*	*						5
6	82=	82	*						*		*				6
7	75=	75			*				*		*				7
8	73-	78				*			*		*				8
9	66	62					*		*		*				9
10	44	39	*						*		*				10
11	69-	82			*					*					11
12	63	60			*	*				*					12
13	59-	74	*							*					13
14	31-	35			*					*					14
15	32-	35	*							*					15
16	82	81	*								*				16
17	67=	67		*							*				17
18	65-	76			*						*				18
19	21-	24			*		*				*				19
20	38	35				*					*				20
21	70-	73				*						*			21
22	77	74		*								*			22
23	57	39			*							*			23
24	70-	75	*									*			24
25	58	46					*					*			25
26	40-	44				*							*		26
27	36-	44			*								*		27
28	28-	36				*							*		28
29	38-	51	*										*		29
30	25	17		*									*		30
31	66-	72	*											*	31
32	67-	68				*								*	32
33	71	69				*								*	33
34	64	60	*	*										*	34
35	55-	56				*								*	35
34+, 29-, 7=															
NO. OF ITEMS			18	13	15	24	6	5	15	10	20	10	15	10	
NO. OF ITEMS BELOW			11	4	7	9	1	1	3	5	8	4	7	4	
% OF ITEMS BELOW			61	31	47	38	17	20	20	50	40	40	47	40	

DISTRICT TOTAL 2,032

CODE	DESCRIPTION	PARTS
A	REPRODUCE IDEAS	018
B	TRANSLATE, INFERENCE	013
C	ANALYZE MOTIVATION	015
D	ANALYZE PRESENTATION	024
E	CRITIZE	006
F	DIRECTIONS, ANNOUNCE	005
G	INFORMATION, EXPLAIN	015
H	LETTER	010
I	STORY	020
J	POETRY	010
K	OPINION, INTERPRET	015
L	PLAY	010

TABLE 44

NOVEMBER 1970

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, MATH 2A

PART I GRADE 10 CENTRAL SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	A	B	C	D	E	F	ITEM DESCRIPTION	ITEM NO.
1	18-	19						*		1
2	19-	24						*		2
3	63-	64						*		3
4	17=	17				*				4
5	39=	39			*					5
6	26-	27				*				6
7	44-	50			*					7
8	37	34			*					8
9	41	40			*					9
10	58-	65			*					10
11	60-	69				*				11
12	40-	43	*							12
13	30-	34			*					13
14	21	20			*					14
15	12	11				*				15
16	71-	74				*				16
17	55-	63				*				17
18	61=	61			*					18
19	23-	24		*	*					19
20	35	26				*				20
21	41	36			*					21
22	31-	46				*				22
23	39-	45				*				23
24	33	27	*							24
25	18	15	*	*						25

TABLE 44 (cont.)

NOVEMBER 1970

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, MATH 2A

PART II GRADE 10 CENTRAL SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTION A	B	C	D	E	F	ITEM NO.
1	40	37			*				1
2	52	49					*		2
3	28-	29	*	*					3
4	29	11	*	*					4
5	11-	12				*			5
6	38-	42						*	6
7	34	32	*						7
8	31	30				*			8
9	53-	57	*						9
10	58	57			*				10
11	28	25		*		*			11
12	55	50			*				12
13	48=	48				*			13
14	55	50				*			14
15	46	45				*			15
16	51	49						*	16
17	31	21				*			17
18	60-	68					*		18
19	41	38				*			19
20	28-	38			*				20
21	23	19			*				21
22	81-	87	*						22
23	40	33				*			23
24	36	25			*				24
25	26-	27		*		*			25
24+, 22-, 4=									
NO. OF ITEMS			6	6	16	19	2	5	
NO. OF ITEMS BELOW			4	3	5	8	1	4	
% OF ITEMS BELOW			50	50	31	42	50	80	

DISTRICT TOTAL 2,036

CODE	DESCRIPTION	PARTS
A	NUMBER,OPERATION	008
B	SYMBOLISM	006
C	MEASUREMENT,GEOMETRY	016
D	FUNCTION,RELATION	019
E	PROOF	002
F	PROBABILITY, STATS	005

TABLE 45

NOVEMBER 1970

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, WRITING 2A

PART I GRADE 10 CENTRAL SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTION A	B	C	D	E	F	G	H	I	J	K	ITEM NO.
1	78	62		*		*							*	1
2	49-	56		*		*							*	2
3	49	46		*		*							*	3
4	53	43		*									*	4
5	72	68	*			*							*	5
6	61	51		*		*							*	6
7	73	52				*	*						*	7
8	35=	35		*		*							*	8
9	56	44	*			*			*					9
10	38-	43		*		*			*					10
11	67	63		*		*			*					11
12	55	54		*					*					12
13	33	31		*		*			*					13
14	70	66		*					*					14
15	53	37	*		*				*					15
16	43	30	*		*						*			16
17	57-	59		*		*					*			17
18	47	37		*		*					*			18
19	68	60		*		*					*			19
20	50	45	*			*					*			20
21	58	48	*	*							*			21
22	45=	45	*								*			22
23	61-	63	*		*						*			23
24	37	30				*	*	*						24
25	52	51		*				*						25
26	62	58		*		*		*						26
27	51	38				*	*	*						27
28	37	33	*	*				*						28
29	41	35	*			*		*						29
30	44	36	*	*				*						30

NOVEMBER 1970

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, WRITING 2A

PART II GRADE 10 CENTRAL SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTION A	B	C	D	E	F	G	H	I	J	K	ITEM NO.
1	56	37	*		*							*	*	1
2	22	12		*		*						*	*	2
3	30	21		*		*						*	*	3
4	59	54		*	*							*	*	4
5	20-	21	*	*								*	*	5
6	66	56	*		*							*	*	6
7	57	50	*		*							*	*	7
8	41=	41	*			*							*	8
9	58-	59	*		*								*	9
10	62	56	*		*								*	10
11	60-	63		*		*							*	11
12	41	34		*		*							*	12
13	39	33		*									*	13
14	51-	61	*		*								*	14
15	32-	35	*	*								*		15
16	53=	53		*		*						*		16
17	24-	36		*								*		17
18	47	40	*		*							*		18
19	78-	84		*								*		19
20	49	38			*	*						*		20
21	48=	48		*		*						*		21
22	41	30	*				*					*		22
23	37	25	*				*			*				23
24	67	55				*	*			*				24
25	59	54				*	*			*				25
26	50=	50		*		*				*				26
27	41	34		*		*				*				27
28	25	22		*		*				*				28
29	48	43	*		*					*				29
30	25-	44		*			*			*				30
42+, 12-, 6=														
NO. OF ITEMS			24	35	13	32	8	7	7	8	8	15	22	
NO. OF ITEMS BELOW			5	9	3	4	1		1	1	2	4	5	
% OF ITEMS BELOW			21	26	23	13	13		14	13	25	27	23	

DISTRICT TOTAL 2,015

CODE	DESCRIPTION	PARTS
A	ORGANIZATION	024
B	CONVENTIONS	035
C	CRITICAL THINKING	013
D	EFFECTIVENESS	032
E	APPROPRIATENESS	008
F	MINUTES	007
G	DIRECTIONS	007
H	NEWS STORY	008
I	REPORT	008
J	ESSAY,SPEECH	015
K	PERSONAL NARRATIVE	022

TABLE 46

NOVEMBER 1970

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, READING 2B

PART I GRADE 12 CENTRAL SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTION A	B	C	D	E	F	G	H	I	J	K	L	ITEM NO.
1	60	57			*									*	1
2	73=	73	*											*	2
3	75	73				*								*	3
4	79-	85		*										*	4
5	70	67		*										*	5
6	75-	79	*										*		6
7	91	89					*						*		7
8	71	70			*								*		8
9	72=	72					*						*		9
10	78	66				*							*		10
11	74-	95			*		*			*					11
12	66-	82		*						*					12
13	77	75				*				*					13
14	55	52	*							*					14
15	79-	82			*					*					15
16	85	79	*	*							*				16
17	75-	77	*	*							*				17
18	76	74			*						*				18
19	69-	75					*				*				19
20	49=	43				*					*				20
21	69	58	*											*	21
22	60-	63		*										*	22
23	59-	60			*									*	23
24	65-	72		*										*	24
25	46-	51				*								*	25
26	81	76	*					*							26
27	75	58		*				*							27
28	64	52				*		*							28
29	59	52			*			*							29
30	59	57					*	*							30
31	75-	85	*						*				*		31
32	55	51			*				*				*		32
33	49-	54				*			*				*		33
34	58=	58					*		*				*		34
35	54	51		*					*				*		35

TABLE 46 (cont.)

NOVEMBER 1970

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, READING 28

PART II GRADE 12 CENTRAL SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTION A	B	C	D	E	F	G	H	I	J	K	L	ITEM NO.
1	89-	95			*				*						1
2	90-	98		*					*						2
3	85-	95			*				*						3
4	47-	59				*			*						4
5	57	48					*		*						5
6	74	68		*								*			6
7	60	57		*								*			7
8	44-	54				*						*			8
9	74-	68	*									*			9
10	67	46					*					*			10
11	68-	78	*		*								*		11
12	56-	70		*									*		12
13	76-	79	*										*		13
14	54	50				*							*		14
15	48	41					*						*		15
16	79	78	*					*							16
17	81-	86					*	*							17
18	50-	53					*	*							18
19	87-	94				*		*							19
20	32-	37					*	*							20
21	40-	59			*					*					21
22	57-	60	*							*					22
23	38-	51					*			*					23
24	63	51				*				*					24
25	45	43		*						*					25
26	62	53	*								*				26
27	80	79	*								*				27
28	81	76		*							*				28
29	56	50			*						*				29
30	33-	35				*					*				30
31	86-	87	*											*	31
32	68	66					*							*	32
33	50-	69					*							*	33
34	50	38		*										*	34
35	36-	42				*								*	35
33+, 33-, 4=															
NO. OF ITEMS			16	16	13	14	15	10	10	10	10	5	15	15	
NO. OF ITEMS BELOW			8	7	7	7	7	4	8	6	3	2	6	8	
% OF ITEMS BELOW			50	44	54	50	47	40	80	60	30	40	40	53	

DISTRICT TOTAL 1,668

CODE	DESCRIPTION	PARTS
A	REPRODUCE IDEAS	016
B	TRANSLATE, INFERENCE	016
C	ANALYZE MOTIVATION	013
D	ANALYZE PRESENTATION	014
E	CRITICIZE	015
F	DIRECTIONS, ANNOUNCE	010
G	INFORMATION, EXPLAIN	010
H	LETTER	010
I	STORY	010
J	POETRY	005
K	OPINION, INTERPRET	015
L	PLAY	015

TABLE 47

NOVEMBER 1970

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, MATH 2B

PART I — GRADE 12 — CENTRAL SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	A	B	C	D	E	F	ITEM DESCRIPTION	ITEM NO.
1	66=	66	*							1
2	55	52	*							2
3	60	54	*							3
4	39	33				*				4
5	56	55						*		5
6	48	45				*				6
7	39-	46				*				7
8	67-	71	*							8
9	31	24				*				9
10	69-	71				*				10
11	61	56	*							11
12	45-	49	*							12
13	47-	60	*							13
14	36-	38		*	*					14
15	44	41	*							15
16	68-	70				*				16
17	59-	63				*				17
18	39	38						*		18
19	40-	38				*				19
20	51	45				*				20
21	50	44				*				21
22	29	27				*				22
23	32	26				*				23
24	40	34				*				24
25	48	41		*		*				25

TABLE 47 (cont.)

NOVEMBER 1970

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, MATH 2B

PART II GRADE 12 CENTRAL SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	A	B	C	D	E	F	ITEM DESCRIPTION	ITEM NO.
1	58	57	*							1
2	30	22	*	*						2
3	51	46				*				3
4	41	34				*				4
5	42	32			*					5
6	42	34			*					6
7	51	47				*				7
8	52-	71	*							8
9	42-	54	*							9
10	56-	66	*							10
11	41	30			*					11
12	45	42	*							12
13	60-	62						*		13
14	63	51						*		14
15	32	24						*		15
16	75-	79				*				16
17	71	63	*							17
18	33=	33			*					18
19	57	53		*		*				19
20	65-	69						*		20
21	19-	21						*		21
22	53-	58					*	*		22
23	48	41	*							23
24	36-	43				*				24
25	22-	27		*		*				25

29+, 19-, 2=

NO. OF ITEMS	16	5	5	21	1	8	
NO. OF ITEMS BELOW	6	2	1	8	1	4	
% OF ITEMS BELOW	38	40	20	38	100	50	

DISTRICT TOTAL 1,667

CODE	DESCRIPTION	PARTS
A	NUMBER,OPERATION	016
B	SYMBOLISM	005
C	MEASUREMENT,GEOMETRY	005
D	FUNCTION,RELATION	021
E	PROOF	001
F	PROBABILITY, STATS	008

TABLE 48

NOVEMBER 1970

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, WRITING 2B

PART I GRADE 12 CENTRAL SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTION A	B	C	D	E	F	G	H	I	J	K	L	ITEM NO.
1	76	74		*		*		*							1
2	20-	42		*			*	*							2
3	60	47	*		*			*							3
4	80	75		*				*							4
5	79	78				*	*	*							5
6	66-	68		*		*		*							6
7	46-	67		*		*		*							7
8	52-	68	*		*						*				8
9	43-	56		*							*				9
10	63-	67		*	*						*				10
11	74	69		*	*						*				11
12	58	50	*		*						*				12
13	70	56		*							*				13
14	59	55	*		*						*				14
15	73	71			*		*					*			15
16	49-	52	*		*							*			16
17	65	51	*		*							*			17
18	76	62	*		*							*			18
19	41-	54	*		*							*			19
20	59	56				*	*					*			20
21	74-	79		*		*						*			21
22	61	51	*		*							*			22
23	81	75	*		*				*						23
24	76	71				*	*		*						24
25	37	27		*			*		*						25
26	56	47		*		*			*						26
27	59-	60	*		*				*						27
28	60	39					*		*						28
29	61-	70			*		*		*						29
30	68	56			*		*		*						30

TABLE 48 (cont.)

NOVEMBER 1970

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, WRITING 2H

PART II GRADE 12 CENTRAL SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTION A	B	C	D	E	F	G	H	I	J	K	L	ITEM NO.
1	43-	48		*									*		1
2	44-	54				*	*						*		2
3	40-	56		*		*							*		3
4	17-	25		*			*						*		4
5	29-	30	*			*							*		5
6	59-	61		*									*		6
7	31	28	*			*							*		7
8	34-	44			*		*							*	8
9	52=	52		*		*								*	9
10	25-	27	*			*								*	10
11	47-	39		*		*								*	11
12	26	25		*		*								*	12
13	68	57		*		*								*	13
14	50-	58		*		*								*	14
15	44-	51			*									*	15
16	69	68			*		*			*					16
17	65	57		*						*					17
18	64	61		*						*					18
19	27-	41			*		*			*					19
20	43	39			*	*				*					20
21	68-	77					*			*					21
22	52=	52			*		*			*					22
23	83	79		*						*					23
24	47	40		*	*							*			24
25	59-	60		*	*							*			25
26	52-	64		*	*							*			26
27	38-	39	*		*							*			27
28	64-	67				*	*					*			28
29	59	57				*	*					*			29
30	57-	58	*	*								*			30
29+, 29-, 2=															
NO. OF ITEMS			16	28	26	21	18	7	8	8	7	15	7	8	
NO. OF ITEMS BELOW			8	15	12	10	8	3	2	2	3	8	6	5	
% OF ITEMS BELOW			50	54	46	48	44	43	25	25	43	53	86	63	

DISTRICT TOTAL 1,646

CODE	DESCRIPTION	PARTS
A	ORGANIZATION	016
B	CONVENTIONS	028
C	CRITICAL THINKING	026
D	EFFECTIVENESS	021
E	APPROPRIATENESS	018
F	STORY	007
G	ANNOUNCEMENT	008
H	EDITORIAL	008
I	REPORT	007
J	ESSAY, SPEECH	015
K	PERSONAL NARRATIVE	007
L	CHARACTER STUDY	008

TABLE 49

NOVEMBER 1970

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, READING 9A

PART I GRADE 04 LEARNER SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTION A	B	C	D	E	F	G	H	I	J	K	L	ITEM NO.
1	52	38			*						*				1
2	45-	54		*							*				2
3	71-	72	*								*				3
4	28	10				*					*				4
5	46=	46					*				*				5
6	64	62	*									*			6
7	44-	45	*									*			7
8	54-	63	*									*			8
9	44-	47		*		*						*			9
10	54-	65					*					*			10
11	48-	50	*					*							11
12	50	45	*					*							12
13	44-	46	*					*							13
14	52-	55			*			*							14
15	46-	56					*	*							15
16	31	22		*						*					16
17	56-	72	*							*					17
18	43-	49	*							*					18
19	48-	63				*				*					19
20	47-	61				*				*					20
21	41-	52	*						*				*		21
22	19-	22		*					*				*		22
23	27-	35	*						*				*		23
24	20-	28					*		*				*		24
25	22-	40			*				*				*		25
26	33-	55	*											*	26
27	22-	24					*							*	27
28	23-	34			*									*	28
29	25-	33				*								*	29
30	25-	45		*										*	30
31	17-	24					*	*	*						31
32	15-	25				*		*	*						32
33	15-	17	*					*	*						33
34	13-	24			*			*	*						34
35	15-	20	*				*	*	*						35

NOVEMBER 1970

TABLE 49 (cont.)

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, READING 4A

PART II GRADE 04 LEMARS SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTION A	B	C	D	E	F	G	H	I	J	K	L	ITEM NO.
1	68	67	*						*						1
2	72-	74		*					*						2
3	35-	40				*			*						3
4	61	60				*			*						4
5	63-	64					*		*						5
6	57-	66			*					*					6
7	54-	65				*				*					7
8	50-	63		*			*			*					8
9	36=	36		*			*			*					9
10	57-	65	*							*					10
11	50-	62		*								*			11
12	41-	44					*					*			12
13	53-	71	*									*			13
14	60-	69			*							*			14
15	33-	40				*						*			15
16	54-	62	*								*				16
17	36-	38		*							*				17
18	29	13				*					*				18
19	48-	55	*								*				19
20	37-	42					*				*				20
21	33	28				*					*				21
22	52-	53			*						*				22
23	35-	44		*							*				23
24	24-	30					*				*				24
25	33	30	*								*				25
26	22-	23	*					*							26
27	29	20	*					*							27
28	28-	32				*		*							28
29	26	24		*				*							29
30	28-	34					*	*							30
31	29-	39	*								*				31
32	21-	36				*					*				32
33	21-	22		*							*				33
34	17=	17					*				*				34
35	25-	30			*						*				35
	12+, 55-, 3=														
NO. OF ITEMS			23	13	9	14	15	15	15	10	20	10	5	5	
NO. OF ITEMS BELOW			18	10	8	10	12	12	13	8	13	9	5	5	
% OF ITEMS BELOW			78	77	89	71	80	80	87	80	65	90	100	100	

DISTRICT TOTAL 2,646

CODE	DESCRIPTION	PARTS
A	REPRODUCE IDEAS	023
B	TRANSLATE, INFERENCES	013
C	ANALYZE MOTIVATION	009
D	ANALYZE PRESENTATION	014
E	CRITICIZE	015
F	DIRECTIONS, ANNOUNCE	015
G	INFORMATION, EXPLAIN	015
H	LETTER	010
I	STORY	020
J	POETRY	010
K	OPINION, INTERPRET	005
L	PLAY	005

TABLE 50

NOVEMBER 1970

ITEM STUDY OF SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, MATH 4A

PART I GRADE 04 LEEWARD SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTION A	B	C	D	E	F	ITEM NO.
1	39-	45			*				1
2	63-	75	*						2
3	23	23			*				3
4	32-	43	*						4
5	29-	44			*				5
6	22	15			*				6
7	29-	42				*		*	7
8	29-	51	*						8
9	26-	40	*						9
10	56-	65		*					10
11	33-	50					*		11
12	35-	51	*						12
13	71-	66	*						13
14	36-	46	*						14
15	9-	13	*						15
16	20	19	*						16
17	56-	57			*				17
18	67-	77			*				18
19	35-	50			*				19
20	37-	62				*			20
21	34-	50			*	*			21
22	19-	24	*						22
23	17-	30	*						23
24	38-	43			*				24
25	35-	67			*				25

NOVEMBER 1970

TABLE 50 (cont.)

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, MATH 4A

PART II GRADE 04 LEONARD SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	A	B	C	D	E	F	ITEM DESCRIPTION	ITEM NO.
1	81-	50	*							1
2	82-	40	*							2
3	49	35	*							3
4	23	20	*							4
5	16-	32				*				5
6	20	18				*				6
7	44	37			*					7
8	24-	39				*				8
9	21	12		*						9
10	33-	47					*	*		10
11	27	23				*		*		11
12	41-	60	*							12
13	34-	51		*						13
14	25	18	*							14
15	26	23				*				15
16	32-	53		*						16
17	31	19	*							17
18	32=	32			*					18
19	33-	45			*					19
20	29-	39	*							20
21	24-	36	*							21
22	27-	32	*							22
23	22-	23	*							23
24	18-	21	*							24
25	17	15			*					25

13+, 36-, 1=

	A	B	C	D	E	F
NO. OF ITEMS	23	4	14	6	2	3
NO. OF ITEMS BELOW	18	3	9	5	2	2
% OF ITEMS BELOW	78	75	64	83	100	67

DISTRICT TOTAL 2,645

CODE	DESCRIPTION	PARTS
A	NUMBER, OPERATION	023
B	SYMBOLISM	004
C	MEASUREMENT, GEOMETRY	014
D	FUNCTION, RELATION	008
E	PROOF	002
F	PROBABILITY, STATS	003

TABLE 51

NOVEMBER 1970

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, [illegible]

PART I GRADE 04 [illegible]

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM RESPONSE A	B	C	D	E	F	G	H	I	J	K	L	ITEM NO.
1	48	41		*					*						1
2	61	58		*					*						2
3	56	49		*			*		*						3
4	51-	57		*		*			*						4
5	36	35		*					*						5
6	57	55		*					*						6
7	38	25			*	*								*	7
8	32-	33		*		*								*	8
9	43=	43		*										*	9
10	44-	47	*											*	10
11	27-	37		*										*	11
12	41	39		*										*	12
13	32	28				*	*			*				*	13
14	29	16	*	*						*				*	14
15	33-	42	*		*					*				*	15
16	26	22	*	*						*				*	16
17	41	36	*				*			*				*	17
18	32-	42	*		*					*				*	18
19	29	23	*	*					*						19
20	29	26		*			*		*						20
21	31-	34		*			*		*						21
22	30	29	*	*					*						22
23	26-	32		*		*			*						23
24	51=	51		*			*		*						24
25	40-	42		*					*						25
26	31	22	*				*				*				26
27	19-	23		*		*					*				27
28	21	16	*		*						*				28
29	27=	27		*		*					*				29
30	21-	25		*		*					*				30

NOVEMBER 1970

TABLE 51 (cont.)

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, WRITING 4A

PART II GRADE 04 LEEWARD SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTION A	B	C	D	E	F	G	H	I	J	K	L	M	ITEM NO.
1	36	34		*			*					*	*			1
2	35	32		*			*					*	*			2
3	34	31	*									*	*			3
4	40	37		*	*							*	*			4
5	40-	49		*		*						*	*			5
6	33	31		*					*							6
7	32-	41					*		*							7
8	32-	47				*			*							8
9	24	22		*					*							9
10	29-	33		*			*		*							10
11	33	28	*	*				*								11
12	33-	34		*				*								12
13	30	28		*		*		*								13
14	31	30		*		*		*								14
15	32=	32		*				*								15
16	31-	46		*			*	*								16
17	20	09		*				*								17
18	29=	29	*	*				*								18
19	29-	36		*		*				*				*		19
20	37-	41		*		*				*				*		20
21	31	12		*			*			*				*		21
22	34	32		*		*				*				*		22
23	28	21					*			*				*		23
24	23	04	*							*				*		24
25	33	26	*			*				*				*		25
26	17-	21		*		*				*			*			26
27	23	16		*		*				*			*			27
28	19	16	*							*			*			28
29	26	17		*		*				*			*			29
30	28-	33		*			*			*			*			30
34+, 21-, 5=																
NO. OF ITEMS			16	45	5	19	15	8	18	18	5	5	10	13	6	
NO. OF ITEMS BELOW			3	16	2	10	5	2	7	6	2	1	3	4	3	
% OF ITEMS BELOW			19	36	40	53	33	25	39	33	40	20	30	31	50	

DISTRICT TOTAL 2,639

CODE	DESCRIPTION	PARTS	CODE	DESCRIPTION	PARTS
A	ORGANIZATION	016	H	STORY	018
B	CONVENTIONS	045	I	ANNOUNCEMENT	005
C	CRITICAL THINKING	005	J	REPORT	005
D	EFFECTIVENESS	019	K	ESSAY, SPEECH	010
E	APPROPRIATENESS	015	L	PERSONAL NARRATIVE	013
F	MINUTES	008	M	CHARACTER STUDY	006
G	LETTER	018			

NOVEMBER 1970

TABLE 52

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, GRADES 4 AND 8

PART I — GRADE 08 — [illegible] SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTION A	B	C	D	E	F	G	H	I	J	K	L	ITEM NO.
1	86-	87	*								*		*		1
2	80	76	*								*		*		2
3	80	75	*								*		*		3
4	81-	83			*		*				*		*		4
5	69-	72									*		*		5
6	72-	75	*								*				6
7	55-	57		*							*				7
8	64-	65			*						*				8
9	66-	70					*				*				9
10	66=	66				*					*				10
11	59-	65	*									*			11
12	53-	62		*								*			12
13	28-	29			*							*			13
14	29-	36				*						*			14
15	41	00				*						*			15
16	78-	81			*				*						16
17	71-	75	*	*					*						17
18	59-	61	*						*						18
19	65-	66				*			*						19
20	66-	74					*		*						20
21	76	71	*	*				*	*						21
22	65-	70	*					*	*						22
23	71	65			*			*	*						23
24	70-	75	*					*	*						24
25	43-	46					*	*	*						25
26	54-	56	*								*				26
27	45=	43		*							*				27
28	49-	53					*				*				28
29	53	51		*							*				29
30	45-	54		*							*				30
31	43-	47	*							*					31
32	18-	25		*						*					32
33	34	32			*					*					33
34	25-	37			*					*					34
35	43-	44					*			*					35

NOVEMBER 1970

TABLE 52 (cont.)

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, REVISED 4B

PART II — GRADE 6B — EDWARD SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTION A	B	C	D	E	F	G	H	I	J	K	L	ITEM NO.
1	76-	80	*								*				1
2	65-	74	*								*				2
3	74-	82		*							*				3
4	78-	90			*						*				4
5	74-	87			*	*					*				5
6	73-	85	*							*					6
7	51-	57		*						*					7
8	83-	89				*				*					8
9	59	58			*					*					9
10	82-	90				*				*					10
11	76-	84		*				*	*						11
12	67=	67	*				*	*	*						12
13	24-	34	*	*				*	*						13
14	51-	67			*			*	*						14
15	43-	69					*	*	*						15
16	55-	58	*									*			16
17	70-	77			*							*			17
18	72-	57		*								*			18
19	52-	58					*					*			19
20	65-	72			*							*			20
21	55-	67	*						*		*				21
22	37-	41	*				*		*		*				22
23	70	69			*				*		*				23
24	52-	64		*					*		*				24
25	36	33				*			*		*				25
26	57-	72		*										*	26
27	65=	65	*											*	27
28	45-	57			*									*	28
29	48=	48			*									*	29
30	56-	67				*								*	30
31	58=	58	*						*				*		31
32	42	40		*					*				*		32
33	33	27			*				*				*		33
34	26-	33				*			*				*		34
35	43-	44					*		*				*		35
12+, 52-, 6=															
NO. OF ITEMS			22	16	17	10	11	10	25	10	25	10	10	5	
NO. OF ITEMS BELOW			16	12	11	7	10	7	17	8	16	9	5	3	
% OF ITEMS BELOW			73	75	65	70	91	70	68	80	72	90	50	60	

DISTRICT TOTAL 2,413

CODE	DESCRIPTION	PARTS
A	REPRODUCE IDEAS	022
B	TRANSLATE, INFERENCES	016
C	ANALYZE MOTIVATION	017
D	ANALYZE PRESENTATION	010
E	CRITIZE	011
F	DIRECTIONS, ANNOUNCE	010
G	INFORMATION, EXPLAIN	025
H	LETTER	010
I	STORY	025
J	POETRY	010
K	OPINION, INTERPRET	010
L	PLAY	005

TABLE 53

NOVEMEBER 1970

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, MATH 43

PART I GRADE 08 LEONARD SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	A	B	C	D	E	F	ITEM DESCRIPTION	ITEM NO.
1	55-	67				*				1
2	27-	34				*				2
3	46-	53				*				3
4	21-	33				*				4
5	30-	46				*				5
6	56-	65					*			6
7	40	22	*							7
8	55	26	*	*						8
9	77-	89			*					9
10	80	79		*						10
11	56-	63			*					11
12	29-	37					*			12
13	69-	78	*							13
14	37-	38						*		14
15	39-	46	*							15
16	35-	37			*					16
17	71-	79			*					17
18	51-	59	*							18
19	26-	34	*							19
20	70	62	*							20
21	52-	55				*				21
22	60-	80				*				22
23	27-	33				*				23
24	34-	60		*	*					24
25	35-	41				*				25

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, [illegible] 48

PART II GRADE 08 LEEWARD SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	A	B	C	D	E	F	ITEM NO.
1	44-	54			*				1
2	72-	84	*						2
3	71-	72	*						3
4	41-	55	*						4
5	38-	55	*						5
6	38-	56					*		6
7	86-	97	*						7
8	37	34				*			8
9	42-	45			*				9
10	80=	80				*			10
11	48-	64				*		*	11
12	53-	60				*		*	12
13	42-	45				*		*	13
14	55-	58	*	*					14
15	30	26	*	*					15
16	47-	55			*				16
17	70-	80	*						17
18	45-	62	*						18
19	34-	40	*						19
20	27	25				*			20
21	45	38			*				21
22	60-	67				*			22
23	33-	34	*						23
24	55-	66	*		*				24
25	49-	58	*						25
8+, 41-, 1=									
NO. OF ITEMS			20	5	10	16	3	4	
NO. OF ITEMS BELOW			16	2	9	13	3	4	
% OF ITEMS BELOW			80	40	90	81	100	100	

DISTRICT TOTAL 2,409

CODE	DESCRIPTION	PARTS
A	NUMBER,OPERATION	020
B	SYMBOLISM	005
C	MEASUREMENT,GEOMETRY	010
D	FUNCTION, RELATION	016
E	PROOF	003
F	PROBABILITY, STATS	004

NOVEMBER 1970

TABLE 54 (cont.)

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, WRITING 45

PART II GRADE 06 LEEWARD SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	A	B	C	D	E	F	G	H	I	J	K	L	M	N	ITEM NO.
			ITEM DESCRIPTION														
1	23-	40	*	*					*								1
2	43-	46	*				*		*								2
3	64-	76		*			*		*								3
4	36-	40			*		*		*								4
5	38-	45		*		*			*								5
6	54-	63	*				*		*								6
7	57	56	*		*										*	*	7
8	61-	62		*		*									*	*	8
9	72-	82					*								*	*	9
10	56-	62	*		*										*	*	10
11	53-	59		*											*	*	11
12	66-	78		*		*									*	*	12
13	49-	62		*		*									*	*	13
14	46-	53		*		*		*									14
15	44-	51		*		*		*									15
16	36-	56		*	*			*									16
17	42-	54		*		*		*									17
18	46-	53		*		*		*									18
19	42-	44	*		*			*									19
20	48-	54		*		*				*					*		20
21	30-	37	*			*				*					*		21
22	45-	65		*		*				*					*		22
23	35-	47		*		*				*					*		23
24	38-	52		*		*				*					*		24
25	55-	60	*				*			*					*		25
26	39-	46			*	*							*	*			26
27	49	46	*			*							*	*			27
28	41-	54		*		*							*	*			28
29	34-	41		*			*						*	*			29
30	36=	36		*		*							*	*			30
8+, 47-, 5=																	
NO. OF ITEMS			16	35	14	33	15	6	12	19	5	6	5	5	20	7	
NO. OF ITEMS BELOW			10	31	9	26	12	6	10	14	2	6	3	3	16	6	
% OF ITEMS BELOW			63	89	64	79	80	100	83	74	40	100	60	60	80	86	

DISTRICT TOTAL 2,403

CODE	DESCRIPTION	PARTS	CODE	DESCRIPTION	PARTS
A	ORGANIZATION	016	H	STORY	019
B	CONVENTIONS	035	I	ANNOUNCEMENT	005
C	CRITICAL THINKING	014	J	EDITORIAL	006
D	EFFECTIVENESS	033	K	DIRECTIONS	005
E	APPROPRIATENESS	015	L	NEWS STORY	005
F	MINUTES	006	M	PERSONAL NARRATIVE	020
G	LETTER	012	N	CHARACTER STUDY	007

TABLE 54

NOVEMBER 1970

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, WRITING 4B

PART I GRADE 36 LEONARD SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTION A	B	C	D	E	F	G	H	I	J	K	L	M	N	ITEM NO.
1	65	59			*	*				*					*		1
2	45-	61		*		*				*					*		2
3	38-	48		*			*			*					*		3
4	52-	61		*						*					*		4
5	53=	53	*			*				*					*		5
6	45=	45	*			*				*					*		6
7	59-	80		*		*				*					*		7
8	55-	66			*	*				*							8
9	26	21				*	*			*							9
10	53-	56		*		*				*							10
11	32-	38		*		*				*							11
12	60-	67	*			*				*							12
13	67	51			*		*			*							13
14	37-	49		*		*						*					14
15	49-	52		*	*							*					15
16	43-	44			*	*						*					16
17	62-	65			*							*					17
18	30-	40	*			*						*					18
19	38-	58	*	*								*					19
20	63	59		*					*								20
21	73-	76		*					*								21
22	56	55		*			*		*								22
23	51-	53				*	*		*								23
24	45-	56					*		*								24
25	44-	58		*			*		*								25
26	48=	48	*		*						*						26
27	46-	52		*		*					*						27
28	43	36		*		*					*						28
29	55=	55	*		*						*						29
30	47-	54		*			*				*						30

TABLE 55

NOVEMBER 1970

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, READING 3A

PART I GRADE 06 LEEWARD SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	A	B	C	D	E	F	G	H	I	J	K	L	ITEM NO.
							ITEM DESCRIPTION								
1	56	54					*			*					1
2	59-	69				*				*					2
3	88-	90	*							*					3
4	68-	81		*						*					4
5	90-	95			*					*					5
6	74-	83	*					*							6
7	35-	39	*					*							7
8	54-	62				*		*							8
9	30-	33					*	*							9
10	54-	61		*				*							10
11	59-	66	*								*				11
12	68-	72				*					*				12
13	28	27		*							*				13
14	48-	49					*				*				14
15	23	13					*				*				15
16	59-	76	*						*		*				16
17	64-	66	*						*		*				17
18	49	40			*				*		*				18
19	45	43				*			*		*				19
20	26	16				*			*		*				20
21	51-	57	*										*		21
22	43-	53			*								*		22
23	51-	52		*									*		23
24	41	39				*							*		24
25	34-	44					*						*		25
26	33-	49	*									*			26
27	28	24				*						*			27
28	47	38		*								*			28
29	29-	48					*					*			29
30	30	27		*	*							*			30
31	56-	61	*								*				31
32	18	15		*							*				32
33	30	24			*						*				33
34	38	31				*					*				34
35	41	35					*				*				35

TABLE 55 (cont.)

NOVEMBER 1970

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, READING 3

PART II GRADE 08 LEEWARD SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	A	B	C	D	E	F	G	H	I	J	K	L	ITEM NO.
			ITEM DESCRIPTION												
1	62-	68	*								*				1
2	60-	72			*						*				2
3	58-	62		*							*				3
4	39-	44				*					*				4
5	37-	48				*					*				5
6	76-	84	*											*	6
7	81-	81		*										*	7
8	64-	72				*								*	8
9	53-	56					*							*	9
10	50-	56					*							*	10
11	60-	66		*		*						*			11
12	40=	40					*					*			12
13	53=	53				*						*			13
14	42	41		*								*			14
15	48=	48	*									*			15
16	41-	50	*								*				16
17	57-	74		*							*				17
18	61-	62			*						*				18
19	54-	57				*					*				19
20	57-	74					*				*				20
21	65-	70			*			*							21
22	46-	56	*					*							22
23	46-	47		*				*							23
24	54-	70				*		*							24
25	47-	51					*	*							25
26	44-	50	*							*			*		26
27	53-	67			*					*			*		27
28	42-	55				*				*			*		28
29	70-	84		*			*			*			*		29
30	27	18				*	*			*			*		30
31	37-	39		*					*						31
32	35-	36	*						*						32
33	35	28					*		*						33
34	41-	48				*			*						34
35	32	29			*				*						35

18+, 49-, 3=

NO. OF ITEMS	16	15	10	18	15	10	10	10	25	10	10	5	
NO. OF ITEMS BELOW	15	10	6	11	9	10	5	8	16	3	6	5	
% OF ITEMS BELOW	94	67	60	61	60	100	50	80	64	30	60	100	

DISTRICT TOTAL 2,137

CODE	DESCRIPTION	PARTS
A	REPRODUCE IDEAS	016
B	TRANSLATE, INFERENCE	015
C	ANALYZE MOTIVATION	010
D	ANALYZE PRESENTATION	018
E	CRITICIZE	015
F	DIRECTIONS, ANNOUNCE	010
G	INFORMATION, EXPLAIN	010
H	LETTER	010
I	STORY	025
J	POETRY	010
K	OPINION, INTERPRET	010
L	PLAY	005

TABLE 56

NOVEMBER 1970

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, MATH 3A

PART I GRADE 3B LEEWARD SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTION A	B	C	D	E	F	ITEM NO.
1	80	79		*					1
2	79-	80		*					2
3	50-	53		*					3
4	50-	59		*					4
5	47	37		*			*		5
6	33-	50			*				6
7	30-	47		*		*			7
8	42-	44		*		*			8
9	71	67				*			9
10	54-	57				*			10
11	62-	62				*		*	11
12	65-	74				*		*	12
13	37-	40				*		*	13
14	46-	49				*		*	14
15	45=	45				*		*	15
16	25-	42				*			16
17	58-	73	*			*			17
18	35	34	*			*			18
19	28-	30	*			*			19
20	39	36			*				20
21	48-	56				*			21
22	13	11					*	*	22
23	25	19			*				23
24	25-	26			*				24
25	18-	29			*				25

NOVEMBER 1970

TABLE 56 (cont.)

ITEM STUDY OF SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, [illegible]

PART II GRADE 08 [illegible] SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTION A	B	C	D	E	F	ITEM NO.
1	48-	·70			*				1
2	50-	62			*				2
3	35-	50	*						3
4	38-	42				*			4
5	29-	42	*						5
6	38-	57					*		6
7	44-	56	*						7
8	36-	58	*						8
9	41=	41		*		*			9
10	67-	79				*		*	10
11	45-	55			*	*			11
12	16-	18				*		*	12
13	30-	33				*		*	13
14	39-	46			*				14
15	42-	48			*				15
16	27-	40			*				16
17	32=	32	*						17
18	55-	67					*		18
19	45=	45			*				19
20	27=	27				*			20
21	11	04			*				21
22	12	06				*			22
23	40	36			*				23
24	27	20			*				24
25	35-	46			*				25

11+, 34-, 5=

	A	B	C	D	E	F
NO. OF ITEMS	8	3	15	22	4	9
NO. OF ITEMS BELOW	6	5	9	16	2	7
% OF ITEMS BELOW	75	63	60	73	50	78

DISTRICT TOTAL 2,170

CODE	DESCRIPTION	PARTS
A	NUMBER,OPERATION	008
B	SYMBOLISM	008
C	MEASUREMENT,GEOMETRY	015
D	FUNCTION,RELATION	022
E	PROOF	004
F	PROBABILITY, STATS	009

TABLE 57

NOVEMBER 1970

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, WRITING 9A

PART I GRADE 08 LEEWARD SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTION A	B	C	D	E	F	G	H	I	J	K	L	M	ITEM NO.
1	80-	83		*				*								1
2	71	66	*				*	*								2
3	43-	52		*		*		*								3
4	36-	60			*	*		*								4
5	71-	78		*				*								5
6	75-	91	*		*			*								6
7	52-	61	*		*						*					7
8	38-	57		*		*					*					8
9	57-	79				*	*				*					9
10	33	31		*		*					*					10
11	36-	43				*	*				*					11
12	55-	57	*			*					*					12
13	47-	67		*		*									*	13
14	35	28		*		*									*	14
15	45-	55	*		*										*	15
16	48-	61		*		*									*	16
17	41	32	*			*									*	17
18	40-	53		*		*						*		*		18
19	47-	49	*		*							*		*		19
20	41-	58		*		*						*		*		20
21	50	46				*	*					*		*		21
22	19-	27	*			*						*		*		22
23	36-	53		*		*						*		*		23
24	27	18		*								*		*		24
25	34-	58	*			*				*						25
26	44-	46		*		*				*						26
27	33-	47	*	*						*						27
28	42-	64		*			*			*						28
29	55-	68				*	*			*						29
30	47-	56	*		*					*						30

NOVEMBER 1970

TABLE 57 (cont.)

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, WRITING 3A

PART II — GRADE 05 — LEONARD SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTION A	B	C	D	E	F	G	H	I	J	K	L	M	ITEM NO.
1	25-	37	*	*				*				*				1
2	36	31		*		*		*				*				2
3	26-	30		*				*				*				3
4	35	30	*			*		*				*				4
5	27-	49	*			*		*				*				5
6	53-	59	*				*	*				*				6
7	63	57		*		*							*	*		7
8	32-	41		*		*							*	*		8
9	50-	60	*		*								*	*		9
10	44-	57	*	*									*	*		10
11	32-	47		*		*							*	*		11
12	53-	74	*		*								*	*		12
13	46-	52	*			*							*	*		13
14	43-	53			*		*							*	*	14
15	29	16	*			*								*	*	15
16	32-	38	*				*							*	*	16
17	42-	46	*		*									*	*	17
18	31=	31	*				*							*	*	18
19	38-	41	*		*									*	*	19
20	29-	30		*										*	*	20
21	41-	44	*				*		*							21
22	38-	40		*		*			*							22
23	27	22				*	*		*							23
24	39	34	*	*					*							24
25	36	34	*				*		*							25
26	41-	54		*			*		*							26
27	60-	73			*	*										27
28	57-	64	*			*								*		28
29	33-	38		*		*								*		29
30	47-	60	*			*								*		30

13+, 46-, 1=

NO. OF ITEMS	29	27	12	33	14	12	6	6	6	13	7	25	12	
NO. OF ITEMS BELOW	22	21	12	24	9	9	3	6	5	9	6	20	8	
% OF ITEMS BELOW	76	78	100	73	64	75	50	100	83	69	86	80	67	

DISTRICT TOTAL 2,148

CODE	DESCRIPTION	PARTS	CODE	DESCRIPTION	PARTS
A	ORGANIZATION	029	H	STORY	006
B	CONVENTIONS	027	I	ANNOUNCEMENT	006
C	CRITICAL THINKING	012	J	DIRECTIONS	013
D	EFFECTIVENESS	033	K	REPORT	007
E	APPROPRIATENESS	014	L	ESSAY, SPEECH	025
F	LETTER	012	M	PERSONAL NARRATIVE	012
G	QUESTIONNAIRE	006			

TABLE 58

NOVEMBER 1970

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, READING 2A

PART I GRADE 10 LEEWARD SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTION A	B	C	D	E	F	G	H	I	J	K	L	ITEM NO.
1	60	47					*							*	1
2	70-	71				*								*	2
3	48	45				*								*	3
4	35-	50		*										*	4
5	80	74		*										*	5
6	83-	87	*								*				6
7	42	38			*						*				7
8	45-	51				*					*				8
9	75-	85	*	*							*				9
10	75-	79				*					*				10
11	70	64		*			*		*						11
12	35-	53	*	*					*						12
13	62	41				*			*						13
14	36=	36	*						*						14
15	44	43				*			*						15
16	49-	69			*								*		16
17	67-	70			*								*		17
18	48-	58				*							*		18
19	36-	47		*									*		19
20	56=	56				*							*		20
21	66-	77	*								*				21
22	72-	79					*				*				22
23	62-	73	*								*				23
24	38-	50				*					*				24
25	34-	55			*						*				25
26	63-	73		*						*			*		26
27	37-	45				*				*			*		27
28	57	50	*							*			*		28
29	33-	34			*					*			*		29
30	29	21				*				*			*		30
31	65	55			*							*			31
32	41	35				*						*			32
33	39-	43	*									*			33
34	23-	29		*								*			34
35	53	47				*						*			35

TABLE 58 (cont.)

NOVEMBER 1970

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, READING 2A

PART II GRADE 10 LEEWARD SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	A	B	C	D	E	F	G	H	I	J	K	L	ITEM NO.
1	50-	52				*		*	*						1
2	45-	58	*					*	*						2
3	29-	37		*				*	*						3
4	49=	49				*		*	*						4
5	52-	55			*			*	*						5
6	75-	82	*						*		*				6
7	66-	75			*				*		*				7
8	62-	78				*			*		*				8
9	59-	62					*		*		*				9
10	35-	39	*						*		*				10
11	64-	82			*					*					11
12	52-	60			*	*				*					12
13	51-	74	*							*					13
14	26-	35			*					*					14
15	31-	35	*							*					15
16	75-	81	*								*				16
17	62-	67		*							*				17
18	53-	76			*						*				18
19	23-	24			*		*				*				19
20	37	35				*					*				20
21	67-	73				*						*			21
22	68-	74		*								*			22
23	49	39			*							*			23
24	66-	75	*									*			24
25	53	46					*					*			25
26	35-	44				*							*		26
27	34-	44			*								*		27
28	25-	36				*							*		28
29	35-	51	*										*		29
30	21	17		*									*		30
31	58-	72	*											*	31
32	59-	66				*								*	32
33	65-	69				*								*	33
34	58-	60	*	*										*	34
35	49-	56				*								*	35
16+, 51-, 3=															
NO. OF ITEMS			16	13	15	24	6	5	15	10	20	10	15	10	
NO. OF ITEMS BELOW			16	10	12	15	3	4	10	8	18	5	11	7	
% OF ITEMS BELOW			89	77	80	63	50	80	67	80	90	50	73	70	

DISTRICT TOTAL 1,619

CODE	DESCRIPTION	PARTS
A	REPRODUCE IDEAS	018
B	TRANSLATE, INFERENCE	013
C	ANALYZE MOTIVATION	015
D	ANALYZE PRESENTATION	024
E	CRITIZE	006
F	DIRECTIONS, ANNOUNCE	005
G	INFORMATION, EXPLAIN	015
H	LETTER	010
I	STORY	020
J	POETRY	010
K	OPINION, INTERPRET	015
L	PLAY	010

TABLE 59

NOVEMBER 1970

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, MATH 2A

PART I GRADE 10 LEEWARD SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTION A	B	C	D	E	F	ITEM NO.
1	20	19						*	1
2	15-	24						*	2
3	53-	64						*	3
4	14-	17				*			4
5	33-	39			*				5
6	25-	27				*			6
7	47-	50			*				7
8	33-	34			*				8
9	39-	40			*				9
10	50-	65			*				10
11	50-	69				*			11
12	32-	43	*						12
13	28-	34			*				13
14	18-	20			*				14
15	14	11				*			15
16	63-	74				*			16
17	45-	63				*			17
18	49-	61			*				18
19	25	24		*	*				19
20	33	26				*			20
21	34-	38			*				21
22	29-	46				*			22
23	34-	45				*			23
24	31	27	*						24
25	18	15	*	*					25

TABLE 59 (cont.)

NOVEMBER 1970

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, MATH 2A

PART II GRADE 10 LEEWARD SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	A	B	C	D	E	F	ITEM NO.
1	38	37			*				1
2	46-	49					*		2
3	32	29	*	*					3
4	26	11	*	*					4
5	12=	12				*			5
6	32-	42						*	6
7	31-	32	*						7
8	32	30				*			8
9	46-	37	*						9
10	51-	57			*				10
11	28	25		*		*			11
12	51	50			*				12
13	44-	48				*			13
14	45-	50				*			14
15	42-	45				*			15
16	43-	49						*	16
17	29	21				*			17
18	50-	68					*		18
19	34-	38				*			19
20	22-	36			*				20
21	25	19			*				21
22	70-	87	*						22
23	37	33				*			23
24	33	25			*				24
25	25-	27		*		*			25

10+, 33-, 1=

NO. OF ITEMS	8	6	16	19	2	5
NO. OF ITEMS BELOW	4	1	11	12	2	4
% OF ITEMS BELOW	50	17	69	63	100	80

DISTRICT TOTAL 1,606

CODE	DESCRIPTION	PARTS
A	NUMBER,OPERATION	008
B	SYMBOLISM	006
C	MEASUREMENT,GEOMETRY	016
D	FUNCTION,RELATION	019
E	PROOF	002
F	PROBABILITY, STATS	005

TABLE 60

NOVEMBER 1970

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, WRITING 2A

PART I GRADE 10 LEEWARD SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTION A	B	C	D	E	F	G	H	I	J	K	ITEM NO.
1	69	62		*		*							*	1
2	49-	56		*		*							*	2
3	39-	46		*		*							*	3
4	52	43		*									*	4
5	67-	68	*			*							*	5
6	55	51		*		*							*	6
7	66	52				*	*						*	7
8	28-	35		*		*							*	8
9	45	44	*			*			*					9
10	34-	43		*		*			*					10
11	62-	63		*		*			*					11
12	48-	54		*					*					12
13	30-	31		*		*			*					13
14	63-	66		*					*					14
15	45	37	*		*				*					15
16	36	30	*		*						*			16
17	46-	59		*		*					*			17
18	43	37		*		*					*			18
19	60=	60		*		*					*			19
20	47	45	*			*					*			20
21	46-	48	*	*							*			21
22	39-	45	*								*			22
23	56-	63	*		*						*			23
24	32	30				*	*	*						24
25	51=	51		*				*						25
26	53-	56		*		*		*						26
27	41	38				*	*	*						27
28	31-	33	*	*				*						28
29	36	35	*			*		*						29
30	39	36	*	*				*						30

TABLE 60 (cont.)

NOVEMBER 1970

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, WRITING 2A

PART II GRADE 10 LEEWARD SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTION A	B	C	D	E	F	G	H	I	J	K	ITEM NO.
1	52	37	*		*							*	*	1
2	20	12		*		*						*	*	2
3	30	21		*		*						*	*	3
4	53-	54		*	*							*	*	4
5	19-	21	*	*								*	*	5
6	55-	56	*		*							*	*	6
7	43-	50	*		*							*	*	7
8	34-	41	*			*							*	8
9	52-	59	*		*								*	9
10	50-	56	*		*								*	10
11	53-	63		*		*							*	11
12	35	34		*		*							*	12
13	31-	33		*									*	13
14	45-	61	*		*								*	14
15	27-	35	*	*								*		15
16	44-	53		*		*						*		16
17	22-	36		*								*		17
18	43	40	*		*							*		18
19	72-	84		*								*		19
20	41	38			*	*						*		20
21	43-	48		*		*						*		21
22	41	30	*				*					*		22
23	38	25	*				*			*				23
24	58	55				*	*			*				24
25	54=	54				*	*			*				25
26	44-	50		*		*				*				26
27	34=	34		*		*				*				27
28	24	22		*		*				*				28
29	42-	43	*		*					*				29
30	24-	44		*			*			*				30
23+, 33-, 4=														
NO. OF ITEMS			24	35	13	32	8	7	7	8	8	15	22	
NO. OF ITEMS BELOW			14	23	8	14	1	2	5	3	4	9	14	
% OF ITEMS BELOW			58	66	62	44	13	29	71	38	50	60	64	

DISTRICT TOTAL 1,614

CODE	DESCRIPTION	PARTS
A	ORGANIZATION	024
B	CONVENTIONS	035
C	CRITICAL THINKING	013
D	EFFECTIVENESS	032
E	APPROPRIATENESS	008
F	MINUTES	007
G	DIRECTIONS	007
H	NEWS STORY	008
I	REPORT	008
J	ESSAY, SPEECH	015
K	PERSONAL NARRATIVE	022

TABLE 61

NOVEMBER 1970

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, READING 2B

PART I GRADE 12 LEEWARD SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTION A	B	C	D	E	F	G	H	I	J	K	L	ITEM NO.
1	53-	57			*									*	1
2	62-	73	*											*	2
3	65-	73				*								*	3
4	61-	85		*										*	4
5	70	67		*										*	5
6	65-	79	*										*		6
7	86-	89					*						*		7
8	58-	70			*								*		8
9	55-	72					*						*		9
10	69	66				*							*		10
11	70-	95			*		*			*					11
12	61-	82		*						*					12
13	63-	75				*				*					13
14	46-	52	*							*					14
15	72-	82			*					*					15
16	77-	79	*	*							*				16
17	68-	77	*	*							*				17
18	66-	74			*						*				18
19	63-	75					*				*				19
20	38-	49				*					*				20
21	56-	56	*											*	21
22	50-	63		*										*	22
23	52-	60			*									*	23
24	53-	72		*										*	24
25	34-	51				*								*	25
26	71-	78	*					*							26
27	65	58		*				*							27
28	54	52				*		*							28
29	47-	52			*			*							29
30	50-	57					*	*							30
31	68-	85	*						*				*		31
32	44-	51			*				*				*		32
33	43-	54				*			*				*		33
34	49-	58					*		*				*		34
35	48-	51		*					*				*		35

NOVEMBER 1970

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, READING 28

PART II GRADE 12 LEEWARD SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTION A	B	C	D	E	F	G	H	I	J	K	L	ITEM NO.
1	85-	95			*				*						1
2	84-	98		*					*						2
3	77-	95			*				*						3
4	39-	59				*			*						4
5	51	48					*		*						5
6	68=	68		*								*			6
7	50-	57		*								*			7
8	42-	54				*						*			8
9	69-	88	*									*			9
10	59	46					*					*			10
11	60-	78	*		*								*		11
12	48-	70		*									*		12
13	64-	79	*										*		13
14	49-	50				*							*		14
15	41=	41					*						*		15
16	70-	78	*					*							16
17	71-	66					*	*							17
18	42-	53					*	*							18
19	79-	94				*		*							19
20	30-	37					*	*							20
21	38-	59			*					*					21
22	50-	60	*							*					22
23	32-	51					*			*					23
24	52	51				*				*					24
25	35-	43		*						*					25
26	50-	53	*								*				26
27	71-	79	*								*				27
28	72-	76		*							*				28
29	49-	50			*						*				29
30	32-	35				*					*				30
31	74-	87	*											*	31
32	58-	66					*							*	32
33	44-	69					*							*	33
34	40	38		*										*	34
35	34-	42				*								*	35

8+, 60-, 2=

NO. OF ITEMS	16	16	13	14	15	10	10	10	10	5	15	15	
NO. OF ITEMS BELOW	16	12	13	11	12	8	9	9	10	3	13	13	
% OF ITEMS BELOW	100	75	100	79	80	80	90	90	100	60	87	87	

DISTRICT TOTAL 1,249

CODE	DESCRIPTION	PARTS
A	REPRODUCE IDEAS	016
B	TRANSLATE, INFERENCE	016
C	ANALYZE MOTIVATION	013
D	ANALYZE PRESENTATION	014
E	CRITICIZE	015
F	DIRECTIONS, ANNOUNCE	010
G	INFORMATION, EXPLAIN	010
H	LETTER	010
I	STORY	010
J	POETRY	005
K	OPINION, INTERPRET	015
L	PLAY	015

TABLE 62

NOVEMBER 1970

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, MATH 2B

PART I GRADE 12 LEEWARD SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTION A	B	C	D	E	F	ITEM NO.
1	60-	58	*						1
2	26-	32	*						2
3	51-	54	*						3
4	30-	33				*			4
5	49-	55						*	5
6	39-	45				*			6
7	39-	40				*			7
8	59-	71	*						8
9	28	24				*			9
10	60-	71				*			10
11	53-	56	*						11
12	35-	49	*						12
13	40-	60	*						13
14	36-	39		*	*				14
15	38-	41	*						15
16	85-	96				*			16
17	49-	63				*			17
18	29-	38						*	18
19	36-	56				*			19
20	50	45				*			20
21	52	44				*			21
22	28	27				*			22
23	30	26				*			23
24	36	24				*			24
25	38-	41		*		*			25

TABLE 62 (cont.)

NOVEMBER 1970

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, MATH 2B

PART II GRADE 12 LEEWARD SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTION A	B	C	D	E	F	ITEM NO.
1	44-	57	*						1
2	28	22	*	*					2
3	45-	46				*			3
4	35	34				*			4
5	34	32			*				5
6	35	34			*				6
7	43-	47				*			7
8	41-	71	*						8
9	38-	54	*						9
10	47-	66	*						10
11	32	30			*				11
12	40-	42	*						12
13	55-	62						*	13
14	55	51						*	14
15	27	24						*	15
16	66-	79				*			16
17	63=	63	*						17
18	31-	33			*				18
19	51-	53		*		*			19
20	62-	69						*	20
21	18-	21						*	21
22	48-	58					*	*	22
23	39-	41	*						23
24	35-	43				*			24
25	22-	27		*		*			25

13+, 36-, 1=

NO. OF ITEMS	16	5	5	21	1	8	
NO. OF ITEMS BELOW	14	4	2	14	1	6	
% OF ITEMS BELOW	88	80	40	67	100	75	

DISTRICT TOTAL 1,233

CODE	DESCRIPTION	PARTS
A	NUMBER,OPERATION	016
B	SYMBOLISM	005
C	MEASUREMENT,GEOMETRY	005
D	FUNCTION,RELATION	021
E	PROOF	001
F	PROBABILITY, STATS	008

TABLE 63

NOVEMBER 1970

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, WRITING 2B

PART I GRADE 12 LEEWARD SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTION A	B	C	D	E	F	G	H	I	J	K	L	ITEM NO.
1	68-	74		*		*		*							1
2	18-	42		*			*	*							2
3	56	47	*		*			*							3
4	63-	75		*				*							4
5	77-	78				*	*	*							5
6	54-	68		*		*		*							6
7	40-	67		*		*		*							7
8	44-	68	*		*						*				8
9	41-	56		*							*				9
10	58-	67		*	*						*				10
11	65-	69		*	*						*				11
12	48-	50	*		*						*				12
13	64	56		*							*				13
14	51-	55	*		*						*				14
15	65-	71			*		*					*			15
16	42-	52	*		*							*			16
17	54	51	*		*							*			17
18	68	62	*		*							*			18
19	36-	54	*		*							*			19
20	50-	56				*	*					*			20
21	63-	79		*		*						*			21
22	54	51	*		*							*			22
23	75=	75	*		*				*						23
24	68-	71				*	*		*						24
25	30	27		*			*		*						25
26	55	47		*		*			*						26
27	51-	60	*		*				*						27
28	51	39					*		*						28
29	55-	70			*		*		*						29
30	55-	56			*		*		*						30

TABLE 63 (cont.)

NOVEMBER 1970

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, WRITING 28

PART II GRADE 12 LEEWARD SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTION A	B	C	D	E	F	G	H	I	J	K	L	ITEM NO.
1	44-	48		*									*		1
2	40-	54				*	*						*		2
3	34-	56		*		*							*		3
4	19-	25		*			*						*		4
5	22-	30	*			*							*		5
6	54-	61		*									*		6
7	25-	26	*			*							*		7
8	28-	44			*		*							*	8
9	41-	52		*		*								*	9
10	23-	27	*			*								*	10
11	41-	59		*		*								*	11
12	28	25		*		*								*	12
13	58	57		*		*								*	13
14	45-	58		*		*								*	14
15	42-	51			*									*	15
16	62-	68			*		*			*					16
17	57=	57		*						*					17
18	56-	61		*						*					18
19	25-	41			*		*			*					19
20	37-	39			*	*				*					20
21	63-	77					*			*					21
22	44-	52			*		*			*					22
23	75-	79		*						*					23
24	41	40		*	*							*			24
25	51-	60		*	*							*			25
26	44-	64		*	*							*			26
27	35-	39	*		*							*			27
28	56-	67				*	*					*			28
29	50-	57				*	*					*			29
30	56-	58	*	*								*			30
	11+, 47-, 2=														
NO. OF ITEMS			16	28	26	21	18	7	8	8	7	15	7	8	
NO. OF ITEMS BELOW			11	21	20	18	16	6	4	7	6	11	7	6	
% OF ITEMS BELOW			69	75	77	86	89	86	50	88	86	73	100	75	

DISTRICT TOTAL 1,224

CODE	DESCRIPTION	PARTS	CODE	DESCRIPTION	PARTS
A	ORGANIZATION	016	H	EDITORIAL	008
B	CONVENTIONS	028	I	REPORT	007
C	CRITICAL THINKING	026	J	ESSAY,SPEECH	015
D	EFFECTIVENESS	021	K	PERSONAL NARRATIVE	007
E	APPROPRIATENESS	018	L	CHARACTER STUDY	008
F	STORY	007			
G	ANNOUNCEMENT	008			

NOVEMBER 1970

TABLE 64

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, READING 4A

PART I GRADE 04 WINDWARD SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTION A	B	C	D	E	F	G	H	I	J	K	L	ITEM NO.
1	54	38			*						*				1
2	49-	54		*							*				2
3	72=	72	*								*				3
4	29	10				*					*				4
5	51	46					*				*				5
6	65	62	*									*			6
7	48	45	*									*			7
8	56-	63	*									*			8
9	48	47		*		*						*			9
10	59-	65					*					*			10
11	50=	50	*					*							11
12	54	49	*					*							12
13	46=	46	*					*							13
14	56	55			*			*							14
15	50-	50					*	*							15
16	33	22		*						*					16
17	61-	72	*							*					17
18	45-	49	*							*					18
19	52-	63				*				*					19
20	53-	61				*				*					20
21	46-	52	*						*				*		21
22	20-	22		*					*				*		22
23	33-	39	*						*				*		23
24	23-	28					*		*				*		24
25	27-	40			*				*				*		25
26	41-	55	*											*	26
27	25	24					*							*	27
28	30-	34			*									*	28
29	28-	33				*								*	29
30	32-	45		*										*	30
31	19-	24					*	*	*						31
32	19-	25				*		*	*						32
33	17=	17	*					*	*						33
34	18-	24			*			*	*						34
35	18-	20	*				*	*	*						35

TABLE 64 (cont.)

ITEM STUDY OF SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, [illegible]

PART II GRADE 04 WITHDRAWN SUBJECT DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM A	B	C	D	E	F	G	H	I	J	K	L	ITEM NO.
1	74	67	*						*						1
2	75	74		*					*						2
3	38-	40				*			*						3
4	65	60				*			*						4
5	67	64					*		*						5
6	64-	68			*					*					6
7	58-	65				*				*					7
8	55-	63		*			*			*					8
9	40	36		*			*			*					9
10	61-	69	*							*					10
11	53-	62		*								*			11
12	47	44					*					*			12
13	60-	71	*									*			13
14	63-	69			*							*			14
15	37-	40				*						*			15
16	56-	62	*								*				16
17	41	38		*							*				17
18	28	13				*					*				18
19	49-	55	*								*				19
20	38-	42					*				*				20
21	36	20				*					*				21
22	54	53			*						*				22
23	38-	44		*							*				23
24	28-	30					*				*				24
25	34	30	*								*				25
26	25	23	*					*							26
27	25	20	*					*							27
28	25-	32				*		*							28
29	31	24		*				*							29
30	31-	34					*	*							30
31	32-	39	*								*				31
32	25-	36				*					*				32
33	25	22		*							*				33
34	18	17					*				*				34
35	30=	30			*						*				35

26+, 39-, 5=

NO. OF ITEMS	23	13	9	14	15	13	10	10	10	5	3	3
NO. OF ITEMS BELOW	12	6	5	9	9	7	10	8	6	5	5	4
% OF ITEMS BELOW	52	46	56	64	60	47	67	80	60	100	60	

DISTRICT TOTAL 2,326

CODE	DESCRIPTION	PARTS
A	REPRODUCE IDEAS	023
B	TRANSLATE, INFERENCES	013
C	ANALYZE MOTIVATION	009
D	ANALYZE PRESENTATION	014
E	CRITICIZE	015
F	DIRECTIONS, ANNOUNCE	015
G	INFORMATION, EXPLAIN	015
H	LETTER	010
I	STORY	020
J	POETRY	010
K	OPINION, INTERPRET	005
L	PLAY	005

TABLE 65

NOVEMBER 1970

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, MATH 4A

PART I GRADE 04 WINDWARD SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	A	B	C	D	E	F	ITEM DESCRIPTION	ITEM NO.
1	37-	45			*					1
2	62-	75	*							2
3	29	23			*					3
4	36-	43	*							4
5	33-	44			*					5
6	22	15			*					6
7	28-	42				*		*		7
8	35-	53	*							8
9	52-	40	*							9
10	61-	69		*						10
11	36-	50					*			11
12	38-	51	*							12
13	75-	66	*							13
14	39-	48	*							14
15	9-	15	*							15
16	23	19	*							16
17	59	57			*					17
18	69-	77			*					18
19	39-	50			*					19
20	41-	62				*				20
21	39-	50			*	*				21
22	20-	24	*							22
23	19-	30	*							23
24	39-	43			*					24
25	38-	67			*					25

NOVEMBER 1970

TABLE 65 (cont.)

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, MATH [illegible]

PART II GRADE 04 WINDWARD SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	A	B	C	D	E	F	ITEM NO.
1	33-	50	*						1
2	30-	40	*						2
3	49	35	*						3
4	24	20	*						4
5	21-	32				*			5
6	18=	18				*			6
7	43	37			*				7
8	28-	39				*			8
9	21	12		*					9
10	31-	47					*	*	10
11	27	23				*		*	11
12	42-	60	*						12
13	40-	51		*					13
14	25	18	*						14
15	28	23				*			15
16	31-	53		*					16
17	31	19	*						17
18	32=	32			*				18
19	32-	45			*				19
20	32-	39	*						20
21	25-	38	*						21
22	30-	32	*						22
23	22-	23	*						23
24	19-	21	*						24
25	17	15			*				25
13+, 35-, 2=									
NO. OF ITEMS			23	4	14	8	2	3	
NO. OF ITEMS BELOW			18	3	8	5	2	2	
% OF ITEMS BELOW			78	75	57	63	100	67	

DISTRICT TOTAL 2,319

CODE	DESCRIPTION	PARTS
A	NUMBER, OPERATION	023
B	SYMBOLISM	004
C	MEASUREMENT, GEOMETRY	014
D	FUNCTION, RELATION	006
E	PROOF	002
F	PROBABILITY, STATS	003

TABLE 66

NOVEMBER 1970

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, WRITING 4A

PART I GRADE 04 WINWARD SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTION A	B	C	D	E	F	G	H	I	J	K	L	M	ITEM NO.
1	45	41		*					*							1
2	61	56		*					*							2
3	55	49		*			*		*							3
4	55-	57		*		*			*							4
5	36	35		*					*							5
6	57	55		*					*							6
7	41	25			*	*									*	7
8	35	33		*		*									*	8
9	46	43		*											*	9
10	49	47	*												*	10
11	27-	37		*											*	11
12	41	39		*											*	12
13	33	28				*	*			*				*		13
14	32	16	*	*						*				*		14
15	38-	42	*		*					*				*		15
16	29	22	*	*						*				*		16
17	47	36	*				*			*				*		17
18	34-	42	*		*					*				*		18
19	31	23	*	*					*							19
20	32	26		*			*		*							20
21	34=	34		*			*		*							21
22	30	29	*	*					*							22
23	29-	32		*		*			*							23
24	52	51		*			*		*							24
25	41-	42		*					*							25
26	34	22	*				*				*					26
27	21-	23		*		*					*					27
28	20	16	*		*						*					28
29	25	27		*		*					*					29
30	23-	25		*		*					*					30

NOVEMBER 1970

ITEM STUDY OF SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, WRITING 4A

PART II GRADE 04 WINDWARD SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTION A	B	C	D	E	F	G	H	I	J	K	L	M	ITEM NO.
1	35	34		*			*					*	*			1
2	35	32		*			*					*	*			2
3	37	31	*									*	*			3
4	43	37		*	*							*	*			4
5	41-	49		*		*						*	*			5
6	37	31		*					*							6
7	37-	41					*		*							7
8	34-	47				*			*							8
9	26	22		*					*							9
10	32-	33		*			*		*							10
11	34	28	*	*				*								11
12	32-	34		*				*								12
13	31	28		*		*		*								13
14	36	30		*		*		*								14
15	36	32		*				*								15
16	32-	46		*			*	*								16
17	25	09		*				*								17
18	30	29	*	*				*								18
19	33-	36		*		*				*				*		19
20	39-	41		*		*				*				*		20
21	29	12		*			*			*				*		21
22	36	32		*		*				*				*		22
23	30	21					*			*				*		23
24	22	04	*							*				*		24
25	34	26	*			*				*				*		25
26	19-	21		*		*				*			*			26
27	24	16		*		*				*			*			27
28	18	16	*							*			*			28
29	27	17		*		*				*			*			29
30	30-	33		*			*			*			*			30

41+, 18-, 1=

NO. OF ITEMS	16	45	5	19	15	8	18	48	5	5	20	13	8	
NO. OF ITEMS BELOW	2	14	2	9	4	2	6	8	2	1	3	4	1	
% OF ITEMS BELOW	13	31	40	47	27	25	33	33	40	20	30	31	17	

DISTRICT TOTAL 2,317

CODE	DESCRIPTION	PARTS	CODE	DESCRIPTION	PARTS
A	ORGANIZATION	016	H	STORY	018
B	CONVENTIONS	045	I	ANNOUNCEMENT	005
C	CRITICAL THINKING	005	J	REPORT	013
D	EFFECTIVENESS	019	K	ESSAY,SPEECH	010
E	APPROPRIATENESS	015	L	PERSONAL NARRATIVE	013
F	MINUTES	008	M	CHARACTER STUDY	008
G	LETTER	018			

TABLE 67

NOVEMBER 1970

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, READING [illegible]

PART I GRADE 05 WINDWARD SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTION A	B	C	D	E	F	G	H	I	J	K	L	ITEM NO.
1	89	87	*								*		*		1
2	86	76	*								*		*		2
3	84	75	*								*		*		3
4	84-	85			*		*				*		*		4
5	76	72									*		*		5
6	76-	79	*								*				6
7	60-	67		*							*				7
8	66	65			*						*				8
9	71	70					*				*				9
10	70	66				*					*				10
11	64-	65	*									*			11
12	57-	68		*								*			12
13	33	29			*							*			13
14	33-	36				*						*			14
15	46	00				*						*			15
16	82	81			*				*						16
17	75=	75	*	*					*						17
18	63	61	*						*						18
19	68	66				*			*						19
20	71-	74					*		*						20
21	77	71	*	*				*	*						21
22	73	70	*					*	*						22
23	76	69			*			*	*						23
24	73-	75	*					*	*						24
25	47	46					*	*	*						25
26	58	56	*								*				26
27	51	45		*							*				27
28	53=	53					*				*				28
29	59	51		*							*				29
30	52-	54		*							*				30
31	48	47	*							*					31
32	21-	25		*						*					32
33	39	32			*					*					33
34	31-	37			*					*					34
35	49	44					*			*					35

NOVEMBER 1970

TABLE 67 (cont.)

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, [illegible]

PART II GRADE 08 [illegible] SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM CONTENT A	B	C	D	E	F	G	H	I	J	K	L	ITEM NO.
1	78-	80	*								*				1
2	67-	74	*								*				2
3	78-	82		*							*				3
4	80-	90			*						*				4
5	77-	87			*	*					*				5
6	77-	65	*							*					6
7	56-	57		*						*					7
8	88-	89				*				*					8
9	64	52			*					*					9
10	84-	90				*				*					10
11	76-	84		*				*	*						11
12	69	67	*				*	*	*						12
13	26-	34	*	*				*	*						13
14	53-	67			*			*	*						14
15	48-	69					*	*	*						15
16	60	58	*									*			16
17	74-	77			*							*			17
18	77-	91		*								*			18
19	58=	58					*					*			19
20	66-	72			*							*			20
21	58-	67	*						*		*				21
22	41=	41	*				*		*		*				22
23	76	69			*				*		*				23
24	59-	64		*					*		*				24
25	36	33				*			*		*				25
26	63-	72		*										*	26
27	69	65	*											*	27
28	50-	57			*									*	28
29	52	48			*									*	29
30	65-	67				*								*	30
31	62	58	*						*				*		31
32	41	40		*					*				*		32
33	38	27			*				*				*		33
34	29-	33				*			*				*		34
35	49	44					*		*				*		35
33+, 33-, 4=															
NO. OF ITEMS			22	16	17	10	11	10	25	10	23	10	10	5	
NO. OF ITEMS BELOW			8	11	8	6	3	5	9	6	11	5	2	3	
% OF ITEMS BELOW			36	69	47	60	27	50	36	60	44	50	20	60	

DISTRICT TOTAL 2,282

CODE	DESCRIPTION	PARTS	CODE	DESCRIPTION	PARTS
A	REPRODUCE IDEAS	022	H	LETTER	010
B	TRANSLATE, INFERENCES	018	I	STORY	025
C	ANALYZE MOTIVATION	017	J	POETRY	010
D	ANALYZE PRESENTATION	010	K	OPINION, INTERPRET	010
E	CRITIZE	011	L	PLAY	005
F	DIRECTIONS, ANNOUNCE	010			
G	INFORMATION, EXPLAIN	025			

TABLE 68

NOVEMBER 1970

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, MATH 43

PART I GRADE 05 WINDWARD SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTION A	B	C	D	E	F	ITEM NO.
1	58-	67				*			1
2	31-	34				*			2
3	51-	53				*			3
4	25-	33				*			4
5	36-	48				*			5
6	59-	65					*		6
7	45	22	*						7
8	63	26	*	*					8
9	78-	89			*				9
10	81	79		*					10
11	59-	63			*				11
12	33-	37					*		12
13	75-	78	*						13
14	43	38						*	14
15	42-	46	*						15
16	43	37			*				16
17	77-	79			*				17
18	58-	59	*						18
19	29-	34	*						19
20	75	62	*						20
21	56	55				*			21
22	64-	80				*			22
23	31-	33				*			23
24	40-	60		*	*				24
25	37-	41				*			25

NOVEMBER 1970

TABLE 68 (cont.)

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, [illegible]

PART II GRADE 06 WINDWARD SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTION A	B	C	D	E	F	ITEM NO.
1	50-	54			*				1
2	79-	84	*						2
3	74	72	*						3
4	46-	55	*						4
5	42-	59	*						5
6	40-	56					*		6
7	87-	87	*						7
8	42	34				*			8
9	47	45			*				9
10	84	80				*			10
11	52-	64				*		*	11
12	61	60				*		*	12
13	41-	45				*		*	13
14	63	58	*	*					14
15	30	29	*	*					15
16	54-	55			*				16
17	75-	80	*						17
18	60-	62	*						18
19	42	40	*						19
20	31	25				*			20
21	43	38			*				21
22	65-	67				*			22
23	39	34	*						23
24	64-	66	*		*				24
25	53-	58	*						25

18+, 32-, 0=

	A	B	C	D	E	F
NO. OF ITEMS	20	5	10	16	3	4
NO. OF ITEMS BELOW	12	1	7	11	3	2
% OF ITEMS BELOW	60	20	70	69	100	50

DISTRICT TOTAL 2,276

CODE	DESCRIPTION	PARTS
A	NUMBER,OPERATION	020
B	SYMBOLISM	005
C	MEASUREMENT,GEOMETRY	010
D	FUNCTION, RELATION	016
E	PROOF	003
F	PROBABILITY, STATS	004

TABLE 69

NOVEMBER 1970

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, WRITING 69

PART I GRADE 05 WINDWARD SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTION A	B	C	D	E	F	G	H	I	J	K	L	M	N	ITEM NO.
1	66	59			*	*				*					*		1
2	52-	61		*		*				*					*		2
3	44-	48		*			*			*					*		3
4	56-	61		*						*					*		4
5	54	53	*			*				*					*		5
6	46	45	*			*				*					*		6
7	63-	80		*		*				*					*		7
8	60-	60			*	*				*							8
9	26	21				*	*			*							9
10	55-	56		*		*				*							10
11	34-	38		*		*				*							11
12	63-	67	*			*				*							12
13	70	51			*		*			*							13
14	41-	49		*		*						*					14
15	52=	52		*	*							*					15
16	44=	44			*	*						*					16
17	64-	65			*							*					17
18	34-	40	*			*						*					18
19	40-	58	*	*								*					19
20	64	59		*					*								20
21	72-	76		*					*								21
22	56	55		*			*		*								22
23	53=	53				*	*		*								23
24	49-	56					*		*								24
25	48-	58		*			*		*								25
26	50	48	*		*						*						26
27	51-	52		*		*					*						27
28	44	36		*		*					*						28
29	58	55	*		*						*						29
30	47-	54		*			*				*						30

NOVEMBER 1970

TABLE 69 (cont.)

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, WRITING 69

PART II GRADE 06 MINEWAKA SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTION A	B	C	D	E	F	G	H	I	J	K	L	M	N	ITEM NO.
1	23-	40	*	*					*								1
2	46=	45	*				*		*								2
3	67-	76		*			*		*								3
4	40=	40			*		*		*								4
5	41-	45		*		*			*								5
6	59-	63	*				*		*								6
7	62	56	*		*										*	*	7
8	62=	62		*		*									*	*	8
9	75-	82					*								*	*	9
10	62=	62	*		*										*	*	10
11	58-	59		*											*	*	11
12	71-	76		*		*									*	*	12
13	51-	62		*		*									*	*	13
14	48-	53		*		*		*									14
15	46-	51		*		*		*									15
16	40-	56		*	*			*									16
17	46-	54		*		*		*									17
18	48-	53		*		*		*									18
19	48	44	*		*			*									19
20	50-	54		*		*				*						*	20
21	30-	37	*			*				*						*	21
22	52-	65		*		*				*						*	22
23	36-	47		*		*				*						*	23
24	42-	52		*		*				*						*	24
25	58-	60	*				*			*						*	25
26	44-	46			*	*							*	*			26
27	56	48	*			*							*	*			27
28	47-	54		*		*							*	*			28
29	38-	41		*			*						*	*			29
30	41	38		*		*							*	*			30

14+, 39-, 7=

NO. OF ITEMS	16	35	14	33	15	6	12	15	5	6	5	5	20	7	
NO. OF ITEMS BELOW	7	29	4	23	9	5	7	14	2	4	3	3	14	4	
% OF ITEMS BELOW	44	83	29	70	60	83	58	74	40	67	60	60	70	57	

DISTRICT TOTAL 2,281

CODE	DESCRIPTION	PARTS	CODE	DESCRIPTION	PARTS
A	ORGANIZATION	016	H	STORY	019
B	CONVENTIONS	035	I	ANNOUNCEMENT	005
C	CRITICAL THINKING	014	J	EDITORIAL	006
D	EFFECTIVENESS	033	K	DIRECTIONS	005
E	APPROPRIATENESS	015	L	NEWS STORY	005
F	MINUTES	006	M	PERSONAL NARRATIVE	020
G	LETTER	012	N	CHARACTER STUDY	007

TABLE 70

NOVEMBER 1970

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, READING 3A

PART I GRADE 05 WINDWARD SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTION A	B	C	D	E	F	G	H	I	J	K	L	ITEM NO.
1	59	54					*			*					1
2	60-	69				*				*					2
3	86-	90	*							*					3
4	67-	81		*						*					4
5	88-	95			*					*					5
6	74-	83	*					*							6
7	39=	39	*					*							7
8	58-	62				*		*							8
9	32-	33					*	*							9
10	53-	61		*				*							10
11	59-	66	*								*				11
12	68-	72				*					*				12
13	28	27		*							*				13
14	48-	49					*				*				14
15	23	13					*				*				15
16	62-	76	*						*		*				16
17	65-	66	*						*		*				17
18	47	40			*				*		*				18
19	47	43				*			*		*				19
20	27	16				*			*		*				20
21	52-	57	*										*		21
22	42-	53			*								*		22
23	51-	52		*									*		23
24	41	39				*							*		24
25	32-	44					*						*		25
26	34-	49	*									*			26
27	32	24				*						*			27
28	48	38		*								*			28
29	34-	48					*					*			29
30	35	27		*	*							*			30
31	55-	61	*								*				31
32	18	15		*							*				32
33	31	24			*						*				33
34	37	31				*					*				34
35	43	35					*				*				35

NOVEMBER 1970

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, [illegible]

PART II GRADE 05 WINDWARD SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTION A	B	C	D	E	F	G	H	I	J	K	L	ITEM NO.
1	65-	85	*								*				1
2	59-	73			*						*				2
3	57-	62		*							*				3
4	44=	44				*					*				4
5	42-	48				*					*				5
6	73-	84	*											*	6
7	62-	81		*										*	7
8	64-	72				*								*	8
9	54-	66					*							*	9
10	53-	56					*							*	10
11	61-	66		*		*						*			11
12	40=	40					*					*			12
13	54	53				*						*			13
14	44	41		*								*			14
15	46-	48	*									*			15
16	41-	50	*								*				16
17	56-	74		*							*				17
18	63-	82			*						*				18
19	53-	57				*					*				19
20	60-	74					*				*				20
21	61-	70			*			*							21
22	43-	56	*					*							22
23	48	47		*				*							23
24	51-	70				*		*							24
25	46-	51					*	*							25
26	44-	50	*							*			*		26
27	50-	67			*					*			*		27
28	41-	55				*				*			*		28
29	66-	84		*			*			*			*		29
30	27	18				*	*			*			*		30
31	39=	39		*					*						31
32	37	36	*						*						32
33	32	28					*		*						33
34	38-	48				*			*						34
35	31	29			*				*						35

21+, 45-, 4=

NO. OF ITEMS	16	15	10	18	15	10	10	10	25	10	10	5	
NO. OF ITEMS BELOW	14	8	6	10	9	8	3	8	15	4	8	5	
% OF ITEMS BELOW	88	53	60	56	60	80	30	80	60	40	80	100	

DISTRICT TOTAL 1,913

CODE	DESCRIPTION	PARTS	CODE	DESCRIPTION	PARTS
A	REPRODUCE IDEAS	016	H	LETTER	010
B	TRANSLATE, INFERENCE	015	I	STORY	025
C	ANALYZE MOTIVATION	010	J	POETRY	010
D	ANALYZE PRESENTATION	018	K	OPINION, INTERPRET	010
E	CRITICIZE	015	L	PLAY	005
F	DIRECTIONS, ANNOUNCE	010			
G	INFORMATION, EXPLAIN	010			

TABLE 71

NOVEMBER 1970

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, MATH 3A

PART I GRADE 08 WINDWARD SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTION A	B	C	D	E	F	ITEM NO.
1	83	79		*					1
2	79-	80		*					2
3	52-	53		*					3
4	63	59		*					4
5	50	37		*			*		5
6	35-	50			*				6
7	35-	47		*		*			7
8	49	44		*		*			8
9	74	67				*			9
10	57=	57				*			10
11	65-	82				*		*	11
12	64-	74				*		*	12
13	40=	40				*		*	13
14	48-	49				*		*	14
15	49	45				*		*	15
16	26-	42				*			16
17	58-	73	*			*			17
18	37	34	*			*			18
19	29-	30	*			*			19
20	40	36			*				20
21	49-	56				*			21
22	15	11					*	*	22
23	25	19			*				23
24	25-	26			*				24
25	23-	29			*				25

NOVEMBER 1970

TABLE 71 (cont.)

ITEM STUDY OF SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, [illegible]

PART II GRADE 08 [illegible] SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	A	B	C	D	E	F	ITEM DESCRIPTION	ITEM NO.
1	52-	70			*					1
2	55-	62			*					2
3	37-	50	*							3
4	42=	42				*				4
5	33-	42	*							5
6	39-	57					*			6
7	46-	56	*							7
8	37-	56	*							8
9	46	41		*		*				9
10	66-	75				*		*		10
11	46-	55				*				11
12	18=	18				*		*		12
13	33=	32				*		*		13
14	42-	45			*					14
15	43-	48			*					15
16	31-	40			*					16
17	33	32	*							17
18	52-	67					*			18
19	47	45			*					19
20	29	27				*				20
21	10	04			*					21
22	11	06				*				22
23	42	36			*					23
24	26	20			*					24
25	37-	46			*					25

18+, 27-, 5=

NO. OF ITEMS	8	8	15	22	4	9
NO. OF ITEMS BELOW	6	3	9	10	2	4
% OF ITEMS BELOW	75	38	60	45	50	44

DISTRICT TOTAL 1,901

CODE	DESCRIPTION	PARTS
A	NUMBER,OPERATION	008
B	SYMBOLISM	008
C	MEASUREMENT,GEOMETRY	015
D	FUNCTION,RELATION	022
E	PROOF	004
F	PROBABILITY, STATS	009

TABLE 72

NOVEMBER 1970

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, WRITING 3A

PART I GRADE 08 WINDWARD SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTION A	B	C	D	E	F	G	H	I	J	K	L	M	ITEM NO.
1	81-	83		*				*								1
2	67	66	*				*	*								2
3	43-	52		*		*		*								3
4	48-	60			*	*		*								4
5	74-	78		*				*								5
6	75-	91	*		*			*								6
7	53-	61	*		*						*					7
8	40-	57		*		*					*					8
9	57-	79				*	*				*					9
10	36	31		*		*					*					10
11	37-	43				*	*				*					11
12	54-	57	*			*					*					12
13	50-	67		*		*									*	13
14	36	28		*		*									*	14
15	48-	55	*		*										*	15
16	49-	61		*		*									*	16
17	44	32	*			*									*	17
18	40-	53		*		*						*		*		18
19	46-	49	*		*							*		*		19
20	38-	38		*		*						*		*		20
21	49	46				*	*					*		*		21
22	21-	27	*			*						*		*		22
23	33-	53		*		*						*		*		23
24	28	18		*								*		*		24
25	39-	58	*			*				*						25
26	43-	46		*		*				*						26
27	33-	47	*	*						*						27
28	44-	64		*			*			*						28
29	54-	68				*	*			*						29
30	47-	56	*		*					*						30

NOVEMBER 1970

TABLE 72 (cont.)

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, WRITING

PART II GRADE 06 MIDLAND SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTION A	B	C	D	E	F	G	H	I	J	K	L	M	ITEM NO.
1	29-	37	*	*				*				*				1
2	37	31		*		*		*				*				2
3	26-	30		*				*				*				3
4	30	30	*			*		*				*				4
5	32-	49	*			*		*				*				5
6	51-	59	*				*	*				*				6
7	60	57		*		*							*	*		7
8	34-	41		*		*							*	*		8
9	50-	60	*		*								*	*		9
10	43-	57	*	*									*	*		10
11	34-	47		*		*							*	*		11
12	54-	74	*		*								*	*		12
13	44-	52	*			*							*	*		13
14	44-	53			*		*							*	*	14
15	29	16	*			*								*	*	15
16	33-	38	*				*							*	*	16
17	43-	46	*		*									*	*	17
18	33	31	*				*							*	*	18
19	36-	41	*		*									*	*	19
20	28-	30		*										*	*	20
21	40-	44	*				*		*							21
22	36-	40		*		*			*							22
23	29	22				*	*		*							23
24	36	34	*	*					*							24
25	38	34	*				*		*							25
26	40-	54		*			*		*							26
27	60-	73			*	*										27
28	53-	64	*			*								*		28
29	32-	38		*		*								*		29
30	47-	60	*			*								*		30

14+, 46-, 0=

	A	B	C	D	E	F	G	H	I	J	K	L	M
NO. OF ITEMS	29	27	12	33	14	12	5	6	6	13	7	25	12
NO. OF ITEMS BELOW	22	21	12	24	9	9	3	6	5	9	6	20	5
% OF ITEMS BELOW	76	78	100	73	64	75	60	100	83	69	86	80	67

DISTRICT TOTAL 1,910

CODE	DESCRIPTION	PARTS	CODE	DESCRIPTION	PARTS
A	ORGANIZATION	029	H	STORY	006
B	CONVENTIONS	027	I	ANNOUNCEMENT	006
C	CRITICAL THINKING	012	J	DIRECTIONS	013
D	EFFECTIVENESS	033	K	REPORT	007
E	APPROPRIATENESS	014	L	ESSAY, SPEECH	025
F	LETTER	012	M	PERSONAL NARRATIVE	012
G	QUESTIONNAIRE	005			

TABLE 73

NOVEMBER 1970

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, READING 2A

PART I GRADE 10 WINDWARD SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTION A	B	C	D	E	F	G	H	I	J	K	L	ITEM NO.
1	63	47					*							*	1
2	74	71				*								*	2
3	52	45				*								*	3
4	27-	50		*										*	4
5	78	74		*										*	5
6	82-	87	*								*				6
7	45	38			*						*				7
8	49-	51				*					*				8
9	77-	85	*	*							*				9
10	76-	75				*					*				10
11	68	64		*			*		*						11
12	39-	53	*	*					*						12
13	60	41				*			*						13
14	36=	36	*						*						14
15	45	43				*			*						15
16	54-	69			*								*		16
17	68-	70			*								*		17
18	50-	58				*							*		18
19	40-	47		*									*		19
20	58	56				*							*		20
21	68-	77	*								*				21
22	73-	79					*				*				22
23	64-	73	*								*				23
24	39-	50				*					*				24
25	25-	55			*						*				25
26	65-	73		*						*			*		26
27	39-	45				*				*			*		27
28	51	50	*							*			*		28
29	32-	34			*					*			*		29
30	30	21				*				*			*		30
31	63	55			*							*			31
32	42	35				*						*			32
33	42-	43	*									*			33
34	27-	29		*								*			34
35	53	47				*						*			35

TABLE 73 (cont.)

NOVEMBER 1970

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, READING 2A

PART II GRADE 10 WINDWARD SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTION A	B	C	D	E	F	G	H	I	J	K	L	ITEM NO.
1	46-	52				*		*	*						1
2	50-	58	*					*	*						2
3	35-	37		*				*	*						3
4	50	49				*		*	*						4
5	54-	55			*			*	*						5
6	73-	82	*						*		*				6
7	67-	75			*				*		*				7
8	65-	78				*			*		*				8
9	61-	62					*		*		*				9
10	41	39	*						*		*				10
11	65-	82			*					*					11
12	55-	60			*	*				*					12
13	51-	74	*							*					13
14	31-	35			*					*					14
15	32-	35	*							*					15
16	76-	81	*								*				16
17	64-	67		*							*				17
18	59-	76			*						*				18
19	22-	24			*		*				*				19
20	36=	35				*					*				20
21	63-	73				*						*			21
22	70-	74		*								*			22
23	50	39			*							*			23
24	65-	75	*									*			24
25	52	46					*					*			25
26	37-	44				*							*		26
27	34-	44			*								*		27
28	28-	36				*							*		28
29	34-	51	*										*		29
30	24	17		*									*		30
31	60-	72	*											*	31
32	59-	68				*								*	32
33	63-	69				*								*	33
34	59-	60	*	*										*	34
35	46-	56				*								*	35
19+, 49-, 2=															
NO. OF ITEMS			18	13	15	24	6	5	15	10	20	10	15	10	
NO. OF ITEMS BELOW			15	10	12	14	3	4	9	8	17	5	11	6	
% OF ITEMS BELOW			83	77	80	58	50	80	60	80	85	50	73	60	

DISTRICT TOTAL 1,846

CODE	DESCRIPTION	PARTS
A	REPRODUCE IDEAS	018
B	TRANSLATE, INFERENCE	013
C	ANALYZE MOTIVATION	015
D	ANALYZE PRESENTATION	024
E	CRITIZE	006
F	DIRECTIONS, ANNOUNCE	005
G	INFORMATION, EXPLAIN	015
H	LETTER	010
I	STORY	020
J	POETRY	010
K	OPINION, INTERPRET	015
L	PLAY	010

TABLE 74

NOVEMBER 1970

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, MATH 2A

PART I GRADE 10 WINDWARD SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTION A	B	C	D	E	F	ITEM NO.
1	20	19						*	1
2	18-	24						*	2
3	59-	64						*	3
4	15-	17				*			4
5	35-	39			*				5
6	25-	27				*			6
7	38-	50			*				7
8	37	34			*				8
9	40=	40			*				9
10	50-	65			*				10
11	58-	69				*			11
12	38-	43	*						12
13	27-	34			*				13
14	19-	20			*				14
15	12	11				*			15
16	66-	74				*			16
17	50-	63				*			17
18	53-	61			*				18
19	22-	24		*	*				19
20	37	26				*			20
21	35-	38			*				21
22	30-	46				*			22
23	37-	45				*			23
24	35	27	*						24
25	17	15	*	*					25

TABLE 74 (cont.)

NOVEMBER 1970

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, MATH 2A

PART II GRADE 10 WINDWARD SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTION A	B	C	D	E	F	ITEM NO.
1	31-	37			*				1
2	47-	49					*		2
3	29=	29	*	*					3
4	28	11	*	*					4
5	11-	12				*			5
6	33-	42						*	6
7	31-	32	*						7
8	33	30				*			8
9	48-	57	*						9
10	51-	57			*				10
11	25=	25		*		*			11
12	53	50			*				12
13	45-	48				*			13
14	50=	50				*			14
15	44-	45				*			15
16	47-	49						*	16
17	30	21				*			17
18	54-	68					*		18
19	38=	38				*			19
20	24-	38			*				20
21	20	19			*				21
22	74-	67	*						22
23	36	33				*			23
24	34	25			*				24
25	27=	27		*		*			25

13+, 31-, 6=

NO. OF ITEMS	8	6	16	19	2	5	
NO. OF ITEMS BELOW	4	1	11	10	2	4	
% OF ITEMS BELOW	50	17	69	53	100	80	

DISTRICT TOTAL 1,878

CODE	DESCRIPTION	PARTS
A	NUMBER,OPERATION	008
B	SYMBOLISM	006
C	MEASUREMENT,GEOMETRY	016
D	FUNCTION,RELATION	019
E	PROOF	002
F	PROBABILITY, STATS	005

TABLE 75

NOVEMBER 1970

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, WRITING 2A

PART I GRADE 10 WINDWARD SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTION A	B	C	D	E	F	G	H	I	J	K	ITEM NO.
1	68	62		*		*							*	1
2	44-	56		*		*							*	2
3	40-	46		*		*							*	3
4	45	43		*									*	4
5	63-	68	*			*							*	5
6	55	51		*		*							*	6
7	65	52				*	*						*	7
8	32-	35		*		*							*	8
9	47	44	*			*			*					9
10	33-	43		*		*			*					10
11	60-	63		*		*			*					11
12	48-	54		*					*					12
13	31=	31		*		*			*					13
14	62-	66		*					*					14
15	46	37	*		*				*					15
16	41	30	*		*						*			16
17	51-	59		*		*					*			17
18	43	37		*		*					*			18
19	60=	60		*		*					*			19
20	43-	45	*			*					*			20
21	45-	48	*	*							*			21
22	40-	45	*								*			22
23	55-	63	*		*						*			23
24	36	30				*	*	*						24
25	44-	51		*				*						25
26	52-	58		*		*		*						26
27	42	38				*	*	*						27
28	32-	33	*	*				*						28
29	36	35	*			*		*						29
30	38	36	*	*				*						30

TABLE 75 (cont.)

NOVEMBER 1970

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, WRITING 2A

PART II GRADE 10 WINDWARD SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTION A	B	C	D	E	F	G	H	I	J	K	ITEM NO.
1	42	37	*		*							*	*	1
2	22	12		*		*						*	*	2
3	30	21		*		*						*	*	3
4	50-	54		*	*							*	*	4
5	19-	21	*	*								*	*	5
6	56=	56	*		*							*	*	6
7	46-	50	*		*							*	*	7
8	37-	41	*			*							*	8
9	50-	59	*		*								*	9
10	52-	56	*		*								*	10
11	52-	63		*		*							*	11
12	31-	34		*		*							*	12
13	34	33		*									*	13
14	46-	61	*		*								*	14
15	27-	35	*	*								*		15
16	41-	53		*		*						*		16
17	22-	36		*								*		17
18	41	40	*		*							*		18
19	68-	84		*								*		19
20	42	38			*	*						*		20
21	36-	48		*		*						*		21
22	42	39	*				*					*		22
23	36	25	*				*			*				23
24	59	55				*	*			*				24
25	52-	54				*	*			*				25
26	42-	50		*		*				*				26
27	34=	34		*		*				*				27
28	26	22		*		*				*				28
29	41-	43	*		*					*				29
30	24-	44		*			*			*				30
22+, 34=, 4=														
NO. OF ITEMS			24	35	13	32	8	7	7	8	8	15	22	
NO. OF ITEMS BELOW			14	23	7	16	2	3	4	4	5	8	13	
% OF ITEMS BELOW			58	66	54	50	25	43	57	50	63	53	59	

DISTRICT TOTAL 1,852

CODE	DESCRIPTION	PARTS
A	ORGANIZATION	024
B	CONVENTIONS	035
C	CRITICAL THINKING	013
D	EFFECTIVENESS	032
E	APPROPRIATENESS	008
F	MINUTES	007
G	DIRECTIONS	007
H	NEWS STORY	008
I	REPORT	008
J	ESSAY, SPEECH	015
K	PERSONAL NARRATIVE	022

TABLE 76

NOVEMBER 1970

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, READING 28

PART I GRADE 12 WINDWARD SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTION A	B	C	D	E	F	G	H	I	J	K	L	ITEM NO.
1	54-	57			*									*	1
2	66-	73	*											*	2
3	72-	73				*								*	3
4	63-	65		*										*	4
5	65-	67		*										*	5
6	71-	75	*										*		6
7	88-	89					*						*		7
8	70=	70			*								*		8
9	67-	72					*						*		9
10	75	66				*							*		10
11	72-	95			*		*			*					11
12	66-	82		*						*					12
13	72-	75				*				*					13
14	55	52	*							*					14
15	72-	82			*					*					15
16	82	75	*	*							*				16
17	72-	77	*	*							*				17
18	70-	74			*						*				18
19	67-	75					*				*				19
20	45-	49				*					*				20
21	63	58	*											*	21
22	53-	63		*										*	22
23	55-	60			*									*	23
24	60-	72		*										*	24
25	36-	51				*								*	25
26	75-	78	*					*							26
27	68	58		*				*							27
28	60	52				*		*							28
29	56	52			*			*							29
30	51-	57					*	*							30
31	71-	85	*						*				*		31
32	51=	51			*				*				*		32
33	45-	54				*			*				*		33
34	56-	58					*		*				*		34
35	53	51		*					*				*		35

TABLE 76 (cont.)

NOVEMBER 1970

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, READING 2B

PART II GRADE 12 WINDWARD SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTION A	B	C	D	E	F	G	H	I	J	K	L	ITEM NO.
1	77-	95			*				*						1
2	86-	98		*					*						2
3	79-	95			*				*						3
4	41-	59				*			*						4
5	47-	46					*		*						5
6	70	68		*								*			6
7	53-	57		*								*			7
8	40-	54				*						*			8
9	69-	68	*									*			9
10	62	46					*					*			10
11	66-	78	*		*								*		11
12	54-	70		*									*		12
13	73-	79	*										*		13
14	50=	50				*							*		14
15	45	41					*						*		15
16	73-	78	*					*							16
17	73-	86					*	*							17
18	47-	53					*	*							18
19	81-	94				*		*							19
20	34-	37					*	*							20
21	35-	59			*					*					21
22	56-	60	*							*					22
23	42-	51					*			*					23
24	55	51				*				*					24
25	38-	43		*						*					25
26	55	53	*								*				26
27	75-	79	*								*				27
28	72-	76		*							*				28
29	54	50			*						*				29
30	33-	35				*					*				30
31	76-	87	*											*	31
32	60-	66					*							*	32
33	45-	69					*							*	33
34	43	38		*										*	34
35	35-	42				*								*	35
15+, 52-, 3=															
NO. OF ITEMS			16	16	13	14	15	10	10	10	10	5	10	15	
NO. OF ITEMS BELOW			12	11	9	10	13	7	8	8	7	3	9	13	
% OF ITEMS BELOW			75	69	69	71	87	70	80	80	70	60	60	87	

DISTRICT TOTAL 1,363

CODE	DESCRIPTION	PARTS
A	REPRODUCE IDEAS	016
B	TRANSLATE, INFERENCE	016
C	ANALYZE MOTIVATION	013
D	ANALYZE PRESENTATION	014
E	CRITICIZE	015
F	DIRECTIONS, ANNOUNCE	010
G	INFORMATION, EXPLAIN	010
H	LETTER	010
I	STORY	010
J	POETRY	005
K	OPINION, INTERPRET	015
L	PLAY	015

TABLE 77

NOVEMBER 1970

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, MATH 2B

PART I GRADE 12 WINDWARD SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	A	B	C	D	E	F	ITEM DESCRIPTION	ITEM NO.
1	64-	68	*							1
2	30-	32	*							2
3	57	54	*							3
4	32-	33				*				4
5	56	55						*		5
6	50	45				*				6
7	41-	46				*				7
8	63-	71	*							8
9	32	24				*				9
10	68-	71				*				10
11	59	56	*							11
12	47-	49	*							12
13	47-	60	*							13
14	34-	39		*	*					14
15	44	41	*							15
16	86-	96				*				16
17	56-	63				*				17
18	31-	38						*		18
19	39-	56				*				19
20	50	45				*				20
21	55	44				*				21
22	31	27				*				22
23	30	26				*				23
24	38	24				*				24
25	39-	41		*		*				25

TABLE 77 (cont.)

NOVEMBER 1970

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, MATH 2B

PART II GRADE 12 WINDHAM SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	A	B	C	D	E	F	ITEM NO.
1	45-	57	*						1
2	31	22	*	*					2
3	47	46				*			3
4	39	34				*			4
5	39	32			*				5
6	39	34			*				6
7	44-	47				*			7
8	53-	71	*						8
9	40-	54	*						9
10	55-	66	*						10
11	34	30			*				11
12	39-	42	*						12
13	58-	62						*	13
14	61	51						*	14
15	28	24						*	15
16	70-	79				*			16
17	68	63	*						17
18	33=	33			*				18
19	53=	53		*		*			19
20	62-	69						*	20
21	16-	21						*	21
22	49-	58					*	*	22
23	44	41	*						23
24	32-	43				*			24
25	20-	27		*		*			25

21+, 27-, 2=

NO. OF ITEMS	16	5	5	21	1	8	
NO. OF ITEMS BELOW	10	3	1	11	1	5	
% OF ITEMS BELOW	63	60	20	52	100	63	

DISTRICT TOTAL 1,376

CODE	DESCRIPTION	PARTS
A	NUMBER,OPERATION	016
B	SYMBOLISM	005
C	MEASUREMENT,GEOMETRY	005
D	FUNCTION,RELATION	021
E	PROOF	001
F	PROBABILITY, STATS	008

TABLE 78

NOVEMBER 1970

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, WRITING 2B

PART I . GRADE 12 WINDWARD SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTION A	B	C	D	E	F	G	H	I	J	K	L	ITEM NO.
1	72-	74		*		*		*							1
2	23-	42		*			*	*							2
3	57	47	*		*			*							3
4	59-	75		*				*							4
5	74-	78				*	*	*							5
6	62-	68		*		*		*							6
7	41-	67		*		*		*							7
8	47-	68	*		*						*				8
9	37-	56		*							*				9
10	56-	67		*	*						*				10
11	67-	69		*	*						*				11
12	53	50	*		*						*				12
13	63	56		*							*				13
14	51-	55	*		*						*				14
15	68-	71			*		*					*			15
16	42-	52	*		*							*			16
17	57	51	*		*							*			17
18	68	62	*		*							*			18
19	33-	54	*		*							*			19
20	54-	56				*	*					*			20
21	65-	79		*		*						*			21
22	55	51	*		*							*			22
23	76	75	*		*				*						23
24	67-	71				*	*		*						24
25	32	27		*			*		*						25
26	50	47		*		*			*						26
27	53-	60	*		*				*						27
28	56	39					*		*						28
29	58-	70			*		*		*						29
30	63	56			*		*		*						30

TABLE 78 (cont.)

NOVEMBER 1970

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, WRITING 2B

PART.II GRADE 12 WINDWARD SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTION A	B	C	D	E	F	G	H	I	J	K	L	ITEM NO.
1	30-	46		*									*		1
2	42-	54				*	*						*		2
3	35-	56		*		*							*		3
4	19-	25		*			*						*		4
5	24-	30	*			*							*		5
6	50-	61		*									*		6
7	3[illegible]	26	*			*							*		7
8	31-	44			*		*							*	8
9	45-	52		*		*								*	9
10	23-	27	*			*								*	10
11	42-	59		*		*								*	11
12	30	25		*		*								*	12
13	61	57		*		*								*	13
14	43-	53		*		*								*	14
15	42-	51			*									*	15
16	63-	68			*		*			*					16
17	54-	57		*						*					17
18	53-	61		*						*					18
19	25-	41			*		*			*					19
20	35-	39			*	*				*					20
21	50-	77					*			*					21
22	42-	52			*		*			*					22
23	74-	79		*						*					23
24	39-	40		*	*							*			24
25	52-	60		*	*							*			25
26	46-	64		*	*							*			26
27	32-	39	*		*							*			27
28	57-	67				*	*					*			28
29	48-	57				*	*					*			29
30	51-	56	*	*								*			30
14+, 46-, C=															
NO. OF ITEMS			16	28	26	21	18	7	8	6	7	15	7	8	
NO. OF ITEMS BELOW			9	23	19	17	15	6	3	8	5	12	6	6	
% OF ITEMS BELOW			56	82	73	81	83	86	38	100	71	80	86	75	

DISTRICT TOTAL 1,342

CODE	DESCRIPTION	PARTS	CODE	DESCRIPTION	PARTS
A	ORGANIZATION	016	H	EDITORIAL	008
B	CONVENTIONS	028	I	REPORT	007
C	CRITICAL THINKING	026	J	ESSAY,SPEECH	015
D	EFFECTIVENESS	021	K	PERSONAL NARRATIVE	007
E	APPROPRIATENESS	018	L	CHARACTER STUDY	008
F	STORY	007			
G	ANNOUNCEMENT	008			

TABLE 79

NOVEMBER 1970

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, READING 4A

PART I GRADE 04 HAWAII SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTION A	B	C	D	E	F	G	H	I	J	K	L	ITEM NO.
1	51	38			*						*				1
2	44-	54		*							*				2
3	71-	72	*								*				3
4	27	10				*					*				4
5	47	46					*				*				5
6	62=	62	*									*			6
7	45=	45	*									*			7
8	56-	63	*									*			8
9	44-	47		*		*						*			9
10	58-	65					*					*			10
11	51	50	*					*							11
12	49=	49	*					*							12
13	42-	46	*					*							13
14	51-	55			*			*							14
15	45-	56					*	*							15
16	32	22		*						*					16
17	63-	72	*							*					17
18	43-	49	*							*					18
19	51-	63				*				*					19
20	53-	61				*				*					20
21	47-	52	*						*				*		21
22	21-	22		*					*				*		22
23	32-	35	*						*				*		23
24	21-	28					*		*				*		24
25	23-	40			*				*				*		25
26	43-	55	*											*	26
27	28	24					*							*	27
28	29-	34			*									*	28
29	29-	33				*								*	29
30	32-	45		*										*	30
31	22-	24					*	*	*						31
32	20-	23				*		*	*						32
33	17=	17	*					*	*						33
34	19-	24			*			*	*						34
35	18-	20	*				*	*	*						35

TABLE 79 (cont.)

NOVEMBER 1970

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, READING 4A

PART II GRADE 04 HAWAII SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTION A	B	C	D	E	F	G	H	I	J	K	L	ITEM NO.
1	73	67	*						*						1
2	73-	74		*					*						2
3	35-	40				*			*						3
4	61	60				*			*						4
5	67	64					*		*						5
6	61-	66			*					*					6
7	56-	65				*				*					7
8	51-	63		*			*			*					8
9	39	36		*			*			*					9
10	56-	69	*							*					10
11	50-	62		*								*			11
12	42-	44					*					*			12
13	54-	71	*									*			13
14	59-	69			*							*			14
15	32-	40				*						*			15
16	57-	62	*								*				16
17	40	38		*							*				17
18	31	13				*					*				18
19	49-	55	*								*				19
20	37-	42					*				*				20
21	38	28				*					*				21
22	54	53			*						*				22
23	35-	44		*							*				23
24	27-	30					*				*				24
25	35	30	*								*				25
26	23=	23	*					*							26
27	34	20	*					*							27
28	32=	32				*		*							28
29	34	24		*				*							29
30	31-	34					*	*							30
31	33-	39	*								*				31
32	25-	26				*					*				32
33	26	22		*							*				33
34	20	17					*				*				34
35	31	30			*						*				35

20+, 44-, 6=

NO. OF ITEMS	23	13	9	14	15	15	15	10	20	10	5	5	
NO. OF ITEMS BELOW	14	8	6	9	10	8	11	8	9	8	5	4	
% OF ITEMS BELOW	61	62	67	64	67	53	73	80	45	80	100	80	

DISTRICT TOTAL 1,272

CODE	DESCRIPTION	PARTS	CODE	DESCRIPTION	PARTS
A	REPRODUCE IDEAS	023	H	LETTER	010
B	TRANSLATE, INFERENCES	013	I	STORY	020
C	ANALYZE MOTIVATION	009	J	POETRY	010
D	ANALYZE PRESENTATION	014	K	OPINION, INTERPRET	005
E	CRITICIZE	015	L	PLAY	005
F	DIRECTIONS, ANNOUNCE	015			
G	INFORMATION, EXPLAIN	015			

NOVEMBER 1970

TABLE 80

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, MATH 4A

PART I GRADE 04 HAWAII SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTION A	B	C	D	E	F	ITEM NO.
1	34-	45			*				1
2	60-	75	*						2
3	27	23			*				3
4	29-	43	*						4
5	29-	44			*				5
6	22	15			*				6
7	29-	42				*		*	7
8	27-	53	*						8
9	28-	40	*						9
10	57-	69		*					10
11	30-	50					*		11
12	39-	51	*						12
13	73-	86	*						13
14	31-	48	*						14
15	8-	15	*						15
16	22	19	*						16
17	57=	57			*				17
18	70-	77			*				18
19	36-	50			*				19
20	40-	62				*			20
21	37-	50			*	*			21
22	20-	24	*						22
23	17-	30	*						23
24	40-	43			*				24
25	36-	67			*				25

NOVEMBER 1970

TABLE 80 (cont.)

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, [illegible]

PART II GRADE 04 HAWAII SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	A	B	C	D	E	F	ITEM DESCRIPTION	ITEM NO.
1	31-	50	*							1
2	30-	40	*							2
3	48	35	*							3
4	26	20	*							4
5	18-	32				*				5
6	20	18				*				6
7	43	37			*					7
8	25-	39				*				8
9	17	12		*						9
10	32-	47					*	*		10
11	24	23				*		*		11
12	44-	60	*							12
13	33-	51		*						13
14	25	18	*							14
15	25	23				*				15
16	36-	53		*						16
17	33	19	*							17
18	32=	32			*					18
19	33-	45			*					19
20	30-	39	*							20
21	29-	38	*							21
22	28-	32	*							22
23	24	23	*							23
24	19-	21	*							24
25	17	15			*					25

14+, 34-, 2=

NO. OF ITEMS	23	4	14	8	2	3
NO. OF ITEMS BELOW	17	3	8	5	2	2
% OF ITEMS BELOW	74	75	57	63	100	67

DISTRICT TOTAL 1,272

CODE	DESCRIPTION	PARTS
A	NUMBER, OPERATION	023
B	SYMBOLISM	004
C	MEASUREMENT, GEOMETRY	014
D	FUNCTION, RELATION	008
E	PROOF	002
F	PROBABILITY, STATS	003

TABLE 81

NOVEMBER 1970

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, WRITING 4A

PART I GRADE 04 HAWAII SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTION A	B	C	D	E	F	G	H	I	J	K	L	M	ITEM NO.
1	48	41		*					*							1
2	61	56		*					*							2
3	61	49		*			*		*							3
4	52-	57		*		*			*							4
5	32-	35		*					*							5
6	60	55		*					*							6
7	36	25			*	*									*	7
8	34	33		*		*									*	8
9	45	43		*											*	9
10	46-	47	*												*	10
11	27-	37		*											*	11
12	44	39		*											*	12
13	33	28				*	*			*				*		13
14	31	16	*	*						*				*		14
15	35-	42	*		*					*				*		15
16	27	22	*	*						*				*		16
17	45	36	*				*			*				*		17
18	34-	42	*		*					*				*		18
19	31	23	*	*					*							19
20	30	26		*			*		*							20
21	34=	34		*			*		*							21
22	30	29	*	*					*							22
23	28-	32		*		*			*							23
24	51=	51		*			*		*							24
25	44	42		*					*							25
26	35	22	*				*				*					26
27	22-	23		*		*					*					27
28	23	16	*		*						*					28
29	30	27		*		*					*					29
30	21-	25		*		*					*					30

NOVEMBER 1970

TABLE 81 (cont.)

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, WRITING 4A

PART II GRADE 04 HAWAII SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTION A	B	C	D	E	F	G	H	I	J	K	L	M	ITEM NO.
1	35	34		*			*					*	*			1
2	34	32		*			*					*	*			2
3	34	31	*									*	*			3
4	40	37		*	*							*	*			4
5	41-	45		*		*						*	*			5
6	34	31		*					*							6
7	31-	41					*		*							7
8	33-	47				*			*							8
9	25	22		*					*							9
10	29-	33		*			*		*							10
11	33	28	*	*				*								11
12	31-	34		*				*								12
13	31	28		*		*		*								13
14	33	30		*		*		*								14
15	35	32		*				*								15
16	27-	46		*			*	*								16
17	23	09		*				*								17
18	29=	29	*	*				*								18
19	31-	36		*		*				*				*		19
20	37-	41		*		*				*				*		20
21	32	12		*			*			*				*		21
22	38	32		*		*				*				*		22
23	31	21					*			*				*		23
24	21	04	*							*				*		24
25	35	26	*			*				*				*		25
26	20-	21		*		*				*			*			26
27	25	16		*		*				*			*			27
28	19	16	*							*			*			28
29	27	17		*		*				*			*			29
30	29-	33		*			*			*			*			30

38+, 19-, 3=

NO. OF ITEMS	16	45	5	19	15	8	18	18	5	5	10	13	6
NO. OF ITEMS BELOW	5	14	2	9	4	2	6	6	2	1	3	4	2
% OF ITEMS BELOW	19	31	40	47	27	25	33	33	40	20	30	31	33

DISTRICT TOTAL 1,271

CODE	DESCRIPTION	PARTS	CODE	DESCRIPTION	PARTS
A	ORGANIZATION	016	H	STORY	018
B	CONVENTIONS	045	I	ANNOUNCEMENT	005
C	CRITICAL THINKING	005	J	REPORT	005
D	EFFECTIVENESS	019	K	ESSAY, SPEECH	010
E	APPROPRIATENESS	015	L	PERSONAL NARRATIVE	013
F	MINUTES	008	M	CHARACTER STUDY	006
G	LETTER	018			

NOVEMBER 1970

TABLE 82

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, READING 43

PART I GRADE 06 HAWAII SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	A	B	C	D	E	F	G	H	I	J	K	L	ITEM NO.
1	88	87	*								*		*		1
2	82	76	*								*		*		2
3	81	75	*								*		*		3
4	81-	85			*		*				*		*		4
5	70-	72									*		*		5
6	73-	79	*								*				6
7	58-	67		*							*				7
8	62-	65			*						*				8
9	68-	70					*				*				9
10	61-	66				*					*				10
11	59-	65	*									*			11
12	54-	66		*								*			12
13	27-	29			*							*			13
14	31-	36				*						*			14
15	40	00				*						*			15
16	77-	81			*				*						16
17	73-	75	*	*					*						17
18	58-	61	*						*						18
19	60-	66				*			*						19
20	66-	74					*		*						20
21	76	71	*	*				*	*						21
22	67-	70	*					*	*						22
23	72	69			*			*	*						23
24	70-	75	*					*	*						24
25	42-	46					*	*	*						25
26	55-	56	*								*				26
27	49	45		*							*				27
28	49-	53					*				*				28
29	58	51		*							*				29
30	46-	54		*							*				30
31	46-	47	*							*					31
32	19-	25		*						*					32
33	37	32			*					*					33
34	30-	37			*					*					34
35	49	44					*			*					35

TABLE 82 (cont.)

NOVEMBER 1970

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, READING 4

PART II GRADE 06 HAWAII SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTION A	B	C	D	E	F	G	H	I	J	K	L	ITEM NO.
1	81-	88	*								*				1
2	67-	74	*								*				2
3	76-	82		*							*				3
4	78-	90			*						*				4
5	79-	87			*	*					*				5
6	75-	85	*							*					6
7	54-	57		*						*					7
8	85-	89				*				*					8
9	58=	58			*					*					9
10	84-	90				*				*					10
11	76-	84		*				*	*						11
12	67=	67	*				*	*	*						12
13	25-	34	*	*				*	*						13
14	52-	67			*			*	*						14
15	44-	59					*	*	*						15
16	57-	58	*									*			16
17	71-	77			*							*			17
18	73-	81		*								*			18
19	55-	58					*					*			19
20	67-	72			*							*			20
21	49-	67	*						*		*				21
22	39-	41	*				*		*		*				22
23	74	69			*				*		*				23
24	57-	64		*					*		*				24
25	40	33				*			*		*				25
26	58-	72		*										*	26
27	65=	65	*											*	27
28	45-	57			*									*	28
29	50	48			*									*	29
30	58-	67				*								*	30
31	60	58	*						*				*		31
32	42	40		*					*				*		32
33	38	27			*				*				*		33
34	27-	33				*			*				*		34
35	41-	44					*		*				*		35
16+, 51-, 3=															
NO. OF ITEMS			22	16	17	10	11	10	25	10	25	10	10	5	
NO. OF ITEMS BELOW			15	12	11	8	9	7	17	7	18	9	4	3	
% OF ITEMS BELOW			68	75	65	80	82	70	68	70	72	90	40	60	

DISTRICT TOTAL 1,339

CODE	DESCRIPTION	PARTS
A	REPRODUCE IDEAS	022
B	TRANSLATE, INFERENCES	016
C	ANALYZE MOTIVATION	017
D	ANALYZE PRESENTATION	010
E	CRITIZE	011
F	DIRECTIONS, ANNOUNCE	010
G	INFORMATION, EXPLAIN	025
H	LETTER	010
I	STORY	025
J	POETRY	010
K	OPINION, INTERPRET	010
L	PLAY	005

NOVEMBER 1970

TABLE 83

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, MATH 4b

PART I GRADE 08 HAWAII SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	A	B	C	D	E	F	ITEM DESCRIPTION	ITEM NO.
1	55-	67				*				1
2	29-	34				*				2
3	45-	53				*				3
4	22-	33				*				4
5	30-	48				*				5
6	55-	65					*			6
7	41	22	*							7
8	54	26	*	*						8
9	77-	89			*					9
10	80	79		*						10
11	56-	63			*					11
12	26-	37					*			12
13	69-	76	*							13
14	39	38						*		14
15	38-	46	*							15
16	37=	37			*					16
17	72-	79			*					17
18	51-	59	*							18
19	23-	34	*							19
20	70	62	*							20
21	49-	55				*				21
22	59-	80				*				22
23	29-	33				*				23
24	36-	60		*	*					24
25	35-	41				*				25

NOVEMBER 1970

TABLE 83 (cont.)

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, MATH 69

PART II GRADE 06 HAWAII SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTION A	B	C	D	E	F	ITEM NO.
1	45-	54			*				1
2	71-	84	*						2
3	68-	72	*						3
4	40-	55	*						4
5	37-	59	*						5
6	36-	56					*		6
7	86-	97	*						7
8	38	34				*			8
9	44-	45			*				9
10	83	80				*			10
11	49-	64				*		*	11
12	56-	60				*		*	12
13	40-	45				*		*	13
14	57-	58	*	*					14
15	28-	29	*	*					15
16	47-	55			*				16
17	72-	60	*						17
18	41-	62	*						18
19	34-	40	*						19
20	28	25				*			20
21	43	38			*				21
22	58-	67				*			22
23	35	34	*						23
24	55-	66	*		*				24
25	49-	58	*						25

10+, 39-, 1=

NO. OF ITEMS	20	5	10	16	3	4
NO. OF ITEMS BELOW	16	3	8	13	3	3
% OF ITEMS BELOW	80	60	80	81	100	75

DISTRICT TOTAL 1,336

CODE	DESCRIPTION	PARTS
A	NUMBER,OPERATION	020
B	SYMBOLISM	005
C	MEASUREMENT,GEOMETRY	010
D	FUNCTION, RELATION	016
E	PROOF	003
F	PROBABILITY, STATS	004

NOVEMBER 1970

TABLE 64

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, WRITING +2

PART I GRADE 06 HAWAII SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTION A	B	C	D	E	F	G	H	I	J	K	L	M	N	ITEM NO.
1	63	59			*	*				*					*		1
2	46-	61		*		*				*					*		2
3	41-	48		*			*			*					*		3
4	48-	61		*						*					*		4
5	52-	53	*			*				*					*		5
6	44-	45	*			*				*					*		6
7	56-	80		*		*				*					*		7
8	58-	66			*	*				*							8
9	25	21				*	*			*							9
10	56=	56		*		*				*							10
11	32-	38		*		*				*							11
12	60-	67	*			*				*							12
13	67	51			*		*			*							13
14	37-	49		*		*						*					14
15	51-	52		*	*							*					15
16	43-	44			*	*						*					16
17	58-	65			*							*					17
18	29-	40	*			*						*					18
19	34-	58	*	*								*					19
20	65	59		*					*								20
21	78	76		*					*								21
22	56	55		*			*		*								22
23	48-	53				*	*		*								23
24	44-	56					*		*								24
25	45-	58		*			*		*								25
26	50	48	*		*						*						26
27	46-	52		*		*					*						27
28	42	36		*		*					*						28
29	53-	55	*		*						*						29
30	45-	54		*			*				*						30

NOVEMBER 1970

TABLE 84 (cont.)

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, APRIL 5 +6

PART II GRADE 06 HAWAII SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTION A	B	C	D	E	F	G	H	I	J	K	L	M	N	ITEM NO.
1	26-	40	*	*					*								1
2	43-	46	*				*		*								2
3	66-	76		*			*		*								3
4	33-	40			*		*		*								4
5	44-	45		*		*			*								5
6	57-	63	*				*		*								6
7	59	56	*		*										*	*	7
8	61-	62		*		*									*	*	8
9	74-	82					*								*	*	9
10	60-	62	*		*										*	*	10
11	54-	59		*											*	*	11
12	69-	78		*		*									*	*	12
13	55-	62		*		*									*	*	13
14	49-	53		*		*		*									14
15	39-	51		*		*		*									15
16	40-	56		*	*			*									16
17	44-	54		*		*		*									17
18	48-	53		*		*		*									18
19	49	44	*		*			*									19
20	47-	54		*		*				*					*		20
21	31-	37	*			*				*					*		21
22	48-	55		*		*				*					*		22
23	36-	47		*		*				*					*		23
24	37-	52		*		*				*					*		24
25	55-	60	*				*			*					*		25
26	39-	46			*	*							*	*			26
27	53	46	*			*							*	*			27
28	44-	54		*		*							*	*			28
29	37-	41		*			*						*	*			29
30	35-	36		*		*							*	*			30

11+, 48-, 1=

NO. OF ITEMS	16	35	14	33	15	6	12	15	5	6	8	4	10	7	
NO. OF ITEMS BELOW	12	30	9	28	12	5	9	13	4	6	6	4	10	6	
% OF ITEMS BELOW	75	86	64	85	80	83	75	87	80	100	80	100	100	86	

DISTRICT TOTAL 1,339

CODE	DESCRIPTION	PARTS	CODE	DESCRIPTION	PARTS
A	ORGANIZATION	015	H	STORY	019
B	CONVENTIONS	035	I	ANNOUNCEMENT	005
C	CRITICAL THINKING	014	J	EDITORIAL	006
D	EFFECTIVENESS	033	K	DIRECTIONS	005
E	APPROPRIATENESS	015	L	NEWS STORY	005
F	MINUTES	006	M	PERSONAL NARRATIVE	020
G	LETTER	012	N	CHARACTER STUDY	007

TABLE 85

NOVEMBER 1970

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, READING 3A

PART I GRADE 08 HAWAII SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM A	B	C	D	E	F	G	H	I	J	K	L	ITEM NO.
1	58	54					*			*					1
2	63-	69				*				*					2
3	90=	90	*							*					3
4	71-	81		*						*					4
5	90-	95			*					*					5
6	76-	83	*					*							6
7	40	39	*					*							7
8	58-	62				*		*							8
9	30-	33					*	*							9
10	54-	61		*				*							10
11	57-	66	*								*				11
12	67-	72				*					*				12
13	27=	27		*							*				13
14	46-	49					*				*				14
15	25	13					*				*				15
16	61-	76	*						*		*				16
17	66=	66	*						*		*				17
18	55	40			*				*		*				18
19	46	43				*			*		*				19
20	26	16				*			*		*				20
21	48-	57	*										*		21
22	47-	53			*								*		22
23	50-	52		*									*		23
24	36-	39				*							*		24
25	32-	44					*						*		25
26	31-	49	*									*			26
27	28	24				*						*			27
28	45	38		*								*			28
29	28-	48					*					*			29
30	30	27		*	*							*			30
31	56-	61	*								*				31
32	18	15		*							*				32
33	30	24			*						*				33
34	36	31				*					*				34
35	43	35					*				*				35

TABLE 85 (cont.)

NOVEMBER 1970

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, READING 3A

PART II GRADE 08 HAWAII SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTION A	B	C	D	E	F	G	H	I	J	K	L	ITEM NO.
1	63-	88	*								*				1
2	62-	73			*						*				2
3	57-	62		*							*				3
4	40-	44				*					*				4
5	37-	48				*					*				5
6	78-	84	*											*	6
7	63-	81		*										*	7
8	67-	72				*								*	8
9	54-	66					*							*	9
10	51-	56					*							*	10
11	60-	66		*		*						*			11
12	39-	40					*					*			12
13	54	53				*						*			13
14	42	41		*								*			14
15	49	48	*									*			15
16	44-	50	*								*				16
17	57-	74		*							*				17
18	65-	82			*						*				18
19	54-	57				*					*				19
20	61-	74					*				*				20
21	66-	70			*			*							21
22	45-	56	*					*							22
23	49	47		*				*							23
24	57-	70				*		*							24
25	52	51					*	*							25
26	41-	50	*							*			*		26
27	56-	67			*					*			*		27
28	45-	55				*				*			*		28
29	72-	84		*			*			*			*		29
30	27	18				*	*			*			*		30
31	36-	39		*					*						31
32	35-	36	*						*						32
33	35	28					*		*						33
34	43-	48				*			*						34
35	30	25			*				*						35

21+, 46-, 3=

NO. OF ITEMS	16	15	10	18	15	10	10	10	25	10	10	5	
NO. OF ITEMS BELOW	12	9	6	12	9	7	4	7	15	4	9	5	
% OF ITEMS BELOW	75	60	60	67	60	70	40	70	60	40	90	100	

DISTRICT TOTAL 1,416

CODE	DESCRIPTION	PARTS	CODE	DESCRIPTION	PARTS
A	REPRODUCE IDEAS	016	H	LETTER	010
B	TRANSLATE, INFERENCE	015	I	STORY	025
C	ANALYZE MOTIVATION	010	J	POETRY	010
D	ANALYZE PRESENTATION	018	K	OPINION, INTERPRET	010
E	CRITICIZE	015	L	PLAY	005
F	DIRECTIONS, ANNOUNCE	010			
G	INFORMATION, EXPLAIN	010			

TABLE 86

NOVEMBER 1970

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, MATH 5A

PART I GRADE 05 HAWAII SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	A	B	C	D	E	F	ITEM NO.
1	83	79		*					1
2	78-	80		*					2
3	51-	53		*					3
4	62	59		*					4
5	49	37		*			*		5
6	33-	50			*				6
7	34-	47		*		*			7
8	45	44		*		*			8
9	73	67				*			9
10	57=	57				*			10
11	64-	82				*		*	11
12	65-	74				*		*	12
13	40=	40				*		*	13
14	51	49				*		*	14
15	49	45				*		*	15
16	23-	42				*			16
17	57-	73	*			*			17
18	35	34	*			*			18
19	27-	30	*			*			19
20	38	36			*				20
21	53-	56				*			21
22	10-	11					*	*	22
23	28	19			*				23
24	26=	26			*				24
25	22-	29			*				25

TABLE 86 (cont.)

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, MATH [illegible]

PART II GRADE [illegible] HAWAII SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTION A	B	C	D	E	F	ITEM NO.
1	48-	70			*				1
2	52-	62			*				2
3	38-	50	*						3
4	40-	42				*			4
5	29-	42	*						5
6	38-	57					*		6
7	43-	56	*						7
8	36-	58	*						8
9	45	41		*		*			9
10	68-	75				*		*	10
11	47-	55				*			11
12	14-	18				*		*	12
13	26-	38				*		*	13
14	39-	49			*				14
15	44-	48			*				15
16	28-	40			*				16
17	37	32	*						17
18	55-	67					*		18
19	47	45			*				19
20	28	27				*			20
21	11	04			*				21
22	12	06				*			22
23	40	36			*				23
24	27	20			*				24
25	38-	46			*				25

18+, 29-, 3=

NO. OF ITEMS	8	8	15	22	4	9	
NO. OF ITEMS BELOW	6	3	8	12	3	6	
% OF ITEMS BELOW	75	38	53	55	75	67	

DISTRICT TOTAL 1,416

CODE	DESCRIPTION	PARTS
A	NUMBER,OPERATION	008
B	SYMBOLISM	008
C	MEASUREMENT,GEOMETRY	015
D	FUNCTION,RELATION	022
E	PROOF	004
F	PROBABILITY, STATS	009

NOVEMBER 1970

TABLE 87

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, WRITING 3A

PART I GRADE 05 HAWAII SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTION A	B	C	D	E	F	G	H	I	J	K	L	M	ITEM NO.
1	85	83		*				*								1
2	70	66	*				*	*								2
3	45-	52		*		*		*								3
4	45-	60			*	*		*								4
5	76-	78		*				*								5
6	78-	91	*		*			*								6
7	57-	61	*		*						*					7
8	39-	57		*		*					*					8
9	61-	79				*	*				*					9
10	38	31		*		*					*					10
11	34-	43				*	*				*					11
12	58	57	*			*					*					12
13	48-	67		*		*									*	13
14	38	28		*		*									*	14
15	50-	55	*		*										*	15
16	46-	61		*		*									*	16
17	42	32	*			*									*	17
18	39-	53		*		*						*		*		18
19	47-	49	*		*							*		*		19
20	47-	58		*		*						*		*		20
21	55	46				*	*					*		*		21
22	18-	27	*			*						*		*		22
23	36-	53		*		*						*		*		23
24	32	18		*								*		*		24
25	41-	58	*			*				*						25
26	48	46		*		*				*						26
27	38-	47	*	*						*						27
28	47-	64		*			*			*						28
29	56-	68				*	*			*						29
30	49-	56	*		*					*						30

NOVEMBER 1970

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, WRITING 3A

PART II GRADE 08 HAWAII SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTION A	B	C	D	E	F	G	H	I	J	K	L		ITEM NO.
1	30-	37	*	*				*				*				1
2	36	31		*		*		*				*				2
3	25-	30		*				*				*				3
4	39	30	*			*		*				*				4
5	31-	49	*			*		*				*				5
6	54-	59	*				*	*				*				6
7	64	57		*		*							*	*		7
8	34-	41		*		*							*	*		8
9	54-	60	*		*								*	*		9
10	47-	57	*	*									*	*		10
11	35-	47		*		*							*	*		11
12	57-	74	*		*								*	*		12
13	47-	52	*			*							*	*		13
14	43-	53			*		*							*	*	14
15	28	16	*			*								*	*	15
16	33-	38	*				*							*	*	16
17	45-	46	*		*									*	*	17
18	34	31	*				*							*	*	18
19	39-	41	*		*									*	*	19
20	29-	30		*					*					*	*	20
21	44=	44	*				*		*							21
22	37-	40		*		*			*							22
23	26	22				*	*		*							23
24	38	34	*	*					*							24
25	36	34	*				*		*							25
26	39-	54		*			*		*							26
27	63-	73			*	*								*		27
28	58-	64	*			*								*		28
29	40	38		*		*								*		29
30	47-	60	*			*								*		30
18+, 41-, 1=																
NO. OF ITEMS			29	27	12	33	14	12	6	6	6	13	7	25	14	
NO. OF ITEMS BELOW			20	18	12	21	8	8	2	5	4	9	6	19	8	
% OF ITEMS BELOW			69	67	100	64	57	67	33	83	67	69	86	76	57	

DISTRICT TOTAL 1,417

CODE	DESCRIPTION	PARTS	CODE	DESCRIPTION	PARTS
A	ORGANIZATION	029	H	STORY	008
B	CONVENTIONS	027	I	ANNOUNCEMENT	006
C	CRITICAL THINKING	012	J	DIRECTIONS	013
D	EFFECTIVENESS	033	K	REPORT	007
E	APPROPRIATENESS	014	L	ESSAY, SPEECH	025
F	LETTER	012	M	PERSONAL NARRATIVE	012
G	QUESTIONNAIRE	006			

TABLE 88

NOVEMBER 1970

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, READING 2A

PART I GRADE 10 HAWAII SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTION A	B	C	D	E	F	G	H	I	J	K	L	ITEM NO.
1	63	47					*							*	1
2	75	71				*								*	2
3	50	45				*								*	3
4	35-	50		*										*	4
5	83	74		*										*	5
6	83-	87	*								*				6
7	40	38			*						*				7
8	47-	51				*					*				8
9	76-	85	*	*							*				9
10	79=	79				*					*				10
11	72	64		*			*		*						11
12	36-	53	*	*					*						12
13	63	41				*			*						13
14	39	36	*						*						14
15	47	43				*			*						15
16	53-	69			*								*		16
17	69-	70			*								*		17
18	49-	58				*							*		18
19	39-	47		*									*		19
20	57	56				*							*		20
21	67-	77	*								*				21
22	74-	79					*				*				22
23	65-	73	*								*				23
24	41-	50				*					*				24
25	36-	55			*						*				25
26	68-	73		*						*			*		26
27	42-	45				*				*			*		27
28	61	50	*							*			*		28
29	33-	34			*					*			*		29
30	33	21				*				*			*		30
31	66	55			*							*			31
32	39	35				*						*			32
33	41-	43	*									*			33
34	25-	29		*								*			34
35	53	47				*						*			35

TABLE 88 (cont.)

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, READING 2A

PART II GRADE 10 HAWAII SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTION A	B	C	D	E	F	G	H	I	J	K	L	ITEM NO.
1	36-	52				*		*	*						1
2	47-	50	*					*	*						2
3	31-	37		*				*	*						3
4	47-	49				*		*	*						4
5	50-	55			*			*	*						5
6	79-	82	*						*		*				6
7	69-	75			*				*		*				7
8	62-	78				*			*		*				8
9	63	62					*		*		*				9
10	37-	39	*						*		*				10
11	64-	82			*					*					11
12	51-	60			*	*				*					12
13	53-	74	*							*					13
14	23-	35			*					*					14
15	30-	35	*							*					15
16	80-	81	*								*				16
17	67=	67		*							*				17
18	55-	76			*						*				18
19	22-	24			*		*				*				19
20	35	35				*					*				20
21	63-	73				*						*			21
22	73-	74		*								*			22
23	46	39			*							*			23
24	66-	75	*									*			24
25	55	46					*					*			25
26	34-	44				*							*		26
27	38-	44			*								*		27
28	30-	36				*							*		28
29	39-	51	*										*		29
30	24	17		*									*		30
31	58-	72	*											*	31
32	61-	66				*								*	32
33	71	69				*								*	33
34	60=	60	*	*										*	34
35	50-	56				*								*	35
21+, 46-, 3=															
NO. OF ITEMS			18	13	15	24	6	5	15	10	20	10	15	10	
NO. OF ITEMS BELOW			15	8	12	13	2	5	10	8	15	5	11	4	
% OF ITEMS BELOW			83	62	80	54	33	100	67	80	75	50	73	40	

DISTRICT TOTAL 1,339

CODE	DESCRIPTION	PARTS
A	REPRODUCE IDEAS	018
B	TRANSLATE, INFERENCE	013
C	ANALYZE MOTIVATION	015
D	ANALYZE PRESENTATION	024
E	CRITIZE	006
F	DIRECTIONS, ANNOUNCE	005
G	INFORMATION, EXPLAIN	015
H	LETTER	010
I	STORY	020
J	POETRY	010
K	OPINION, INTERPRET	015
L	PLAY	010

TABLE 89

NOVEMBER 1970

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, MATH 2A

PART I GRADE 10 HAWAII SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTION A	B	C	D	E	F	ITEM NO.
1	17-	19						*	1
2	16-	24						*	2
3	56-	64						*	3
4	12-	17				*			4
5	32-	35			*				5
6	21-	27				*			6
7	49-	50			*				7
8	39	34			*				8
9	41	40			*				9
10	55-	65			*				10
11	58-	69				*			11
12	30-	43	*						12
13	29-	34			*				13
14	20=	20			*				14
15	15	11				*			15
16	66-	74				*			16
17	49-	63				*			17
18	54-	61			*				18
19	23-	24		*	*				19
20	35	26				*			20
21	39	38			*				21
22	29-	46				*			22
23	36-	45				*			23
24	33	27	*						24
25	19	15	*	*					25

TABLE 89 (cont.)

NOVEMBER 1970

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, MATH 2A

PART II GRADE 10 HAWAII SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTION A	B	C	D	E	F	ITEM NO.
									1
1	36-	37			*				2
2	49=	49					*		3
3	29=	29	*	*					4
4	30	11	*	*					5
5	10-	12				*			6
6	35-	42						*	7
7	30-	32	*						8
8	31	30				*			9
9	48-	57	*						10
10	59	57			*				11
11	29	25		*		*			12
12	56	50			*				13
13	48=	48				*			14
14	49-	50				*			15
15	47	45						*	16
16	49=	49				*			17
17	30	21					*		18
18	51-	60				*			19
19	39	38			*				20
20	28-	38			*				21
21	21	19							22
22	78-	87	*			*			23
23	40	33			*				24
24	36	25		*		*			25
25	24-	27							

18+, 27-, 5=

	A	B	C	D	E	F
NO. OF ITEMS	8	6	16	19	2	5
NO. OF ITEMS BELOW	4	2	8	10	1	4
% OF ITEMS BELOW	50	33	50	53	50	80

DISTRICT TOTAL 1,314

CODE	DESCRIPTION	PARTS
A	NUMBER,OPERATION	008
B	SYMBOLISM	006
C	MEASUREMENT,GEOMETRY	016
D	FUNCTION,RELATION	019
E	PROOF	002
F	PROBABILITY, STATS	005

TABLE 90

NOVEMBER 1970

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, WRITING 2A

PART I GRADE 10 HAWAII SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTION A	B	C	D	E	F	G	H	I	J	K	ITEM NO.
1	65	62		*		*							*	1
2	50-	56		*		*							*	2
3	41-	46		*		*							*	3
4	56	43		*									*	4
5	60-	68	*			*							*	5
6	54	51		*		*							*	6
7	67	52				*	*						*	7
8	32-	35		*		*							*	8
9	49	44	*			*			*					9
10	34-	43		*		*			*					10
11	68	63		*		*			*					11
12	52-	54		*					*					12
13	29-	31		*		*			*					13
14	73	66		*					*					14
15	47	37	*		*				*					15
16	38	30	*		*						*			16
17	49-	59		*		*					*			17
18	45	37		*		*					*			18
19	63	60		*		*					*			19
20	49	45	*			*					*			20
21	48=	48	*	*							*			21
22	40-	45	*								*			22
23	60-	63	*		*						*			23
24	36	30				*	*	*						24
25	53	51		*				*						25
26	57-	58		*		*		*						26
27	50	38				*	*	*						27
28	39	33	*	*				*						28
29	43	35	*			*		*						29
30	46	36	*	*				*						30

TABLE 90 (cont.)

NOVEMBER 1970

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, WRITING 2A

PART II GRADE 10 HAWAII SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTION A	B	C	D	E	F	G	H	I	J	K	ITEM NO.
1	43	37	*		*							*	*	1
2	20	12		*		*						*	*	2
3	33	21		*		*						*	*	3
4	56	54		*	*							*	*	4
5	21=	21	*	*								*	*	5
6	60	56	*		*							*	*	6
7	53	50	*		*							*	*	7
8	37-	41	*			*							*	8
9	55-	59	*		*								*	9
10	54-	56	*		*								*	10
11	60-	63		*		*							*	11
12	36	34		*		*							*	12
13	30-	33		*									*	13
14	45-	61	*		*								*	14
15	33-	35	*	*								*		15
16	48-	53		*		*						*		16
17	26-	36		*								*		17
18	45	40	*		*							*		18
19	80-	84		*								*		19
20	46	38			*	*						*		20
21	46-	48		*		*						*		21
22	42	30	*				*					*		22
23	36	25	*				*			*				23
24	60	55				*	*			*				24
25	58	54				*	*			*				25
26	51	50		*		*				*				26
27	40	34		*		*				*				27
28	27	22		*		*				*				28
29	45	43	*		*					*				29
30	30-	44		*			*			*				30
35+, 23-, 2=														
NO. OF ITEMS			24	35	13	32	8	7	7	8	8	15	22	
NO. OF ITEMS BELOW			8	16	4	12	1	1	3	1	3	5	10	
% OF ITEMS BELOW			33	46	31	38	13	14	43	13	38	33	45	

DISTRICT TOTAL 1,303

CODE	DESCRIPTION	PARTS	CODE	DESCRIPTION	PARTS
A	ORGANIZATION	024	H	NEWS STORY	008
B	CONVENTIONS	035	I	REPORT	008
C	CRITICAL THINKING	013	J	ESSAY, SPEECH	015
D	EFFECTIVENESS	032	K	PERSONAL NARRATIVE	022
E	APPROPRIATENESS	008			
F	MINUTES	007			
G	DIRECTIONS	007			

TABLE 91

NOVEMBER 1970

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, READING 28

PART I GRADE 12 HAWAII SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTION A	B	C	D	E	F	G	H	I	J	K	L	ITEM NO.
1	54-	57			*									*	1
2	67-	73	*											*	2
3	67-	73				*								*	3
4	66-	85		*										*	4
5	73	67		*										*	5
6	69-	79	*										*		6
7	68-	69					*						*		7
8	58-	70			*								*		8
9	64-	72					*						*		9
10	74	66				*							*		10
11	72-	65			*		*			*					11
12	64-	62		*						*					12
13	70-	75				*				*					13
14	44-	52	*							*					14
15	76-	82			*					*					15
16	82	79	*	*							*				16
17	72-	77	*	*							*				17
18	71-	74			*						*				18
19	66-	75					*				*				19
20	42-	49				*					*				20
21	65	58	*											*	21
22	55-	63		*										*	22
23	56-	60			*									*	23
24	59-	72		*										*	24
25	37-	51				*								*	25
26	74-	78	*					*							26
27	70	58		*				*							27
28	63	52				*		*							28
29	55	52			*			*							29
30	51-	57					*	*							30
31	74-	85	*						*				*		31
32	51=	51			*				*				*		32
33	45-	54				*			*				*		33
34	53-	58					*		*				*		34
35	52	51		*					*				*		35

TABLE 91 (cont.)

NOVEMBER 1970

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, READING 28

PART II GRADE 12 HAWAII SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTION A	B	C	D	E	F	G	H	I	J	K	L	ITEM NO.
1	82-	95			*				*						1
2	86-	98		*					*						2
3	81-	95			*				*						3
4	48-	59				*			*						4
5	49	48					*		*						5
6	72	68		*								*			6
7	59	57		*								*			7
8	39-	54				*						*			8
9	67-	88	*									*			9
10	63	46					*					*			10
11	70-	78	*		*								*		11
12	55-	70		*									*		12
13	71-	79	*										*		13
14	53	50				*							*		14
15	47	41					*						*		15
16	74-	78	*					*							16
17	78-	86					*	*							17
18	45-	53					*	*							18
19	86-	94				*		*							19
20	34-	37					*	*							20
21	38-	59			*					*					21
22	55-	60	*							*					22
23	39-	51					*			*					23
24	57	51				*				*					24
25	42-	43		*						*					25
26	58	53	*								*				26
27	77-	79	*								*				27
28	80	76		*							*				28
29	51	50			*						*				29
30	32-	35				*					*				30
31	81-	87	*											*	31
32	64-	66					*							*	32
33	48-	69					*							*	33
34	47	38		*										*	34
35	33-	42				*								*	35
19+, 50-, 1=															
NO. OF ITEMS			16	16	13	14	15	10	10	10	10	5	15	15	
NO. OF ITEMS BELOW			13	8	10	10	12	7	7	9	6	2	10	12	
% OF ITEMS BELOW			81	50	77	71	80	70	70	90	60	40	67	80	

DISTRICT TOTAL 1,082

CODE	DESCRIPTION	PARTS	CODE	DESCRIPTION	PARTS
A	REPRODUCE IDEAS	016	H	LETTER	010
B	TRANSLATE, INFERENCE	016	I	STORY	010
C	ANALYZE MOTIVATION	013	J	POETRY	005
D	ANALYZE PRESENTATION	014	K	OPINION, INTERPRET	015
E	CRITICIZE	015	L	PLAY	015
F	DIRECTIONS, ANNOUNCE	010			
G	INFORMATION, EXPLAIN	010			

TABLE 92

NOVEMBER 1970

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, [illegible]

PART I GRADE 12 HAWAII SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTION A	B	C	D	E	F	ITEM NO.
1	68=	68	*						1
2	31-	32	*						2
3	55	54	*						3
4	31-	33				*			4
5	56	55						*	5
6	44-	45				*			6
7	40-	46				*			7
8	64-*	71	*						8
9	30	24				*			9
10	68-	71				*			10
11	58	56	*						11
12	39-	49	*						12
13	42-	60	*						13
14	35-	39		*	*				14
15	42	41	*						15
16	91-	96				*			16
17	54-	63				*			17
18	35-	38						*	18
19	37-	56				*			19
20	51	45				*			20
21	59	44				*			21
22	28	27				*			22
23	29	26				*			23
24	39	24				*			24
25	44	41		*		*			25

TABLE 92 (cont.)

NOVEMBER 1970

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, [illegible]

PART II GRADE 12 Hawaii SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTION A	B	C	D	E	F	ITEM NO.
1	44-	57	*						1
2	33	22	*	*					2
3	51	46				*			3
4	37	34				*			4
5	36	32			*				5
6	40	34			*				6
7	49	47				*			7
8	48-	71	*						8
9	41-	54	*						9
10	58-	66	*						10
11	38	30			*				11
12	46	42	*						12
13	61-	62						*	13
14	62	51						*	14
15	28	24						*	15
16	75-	79				*			16
17	72	63	*						17
18	36	33			*				18
19	62	53		*		*			19
20	64-	69						*	20
21	13-	21						*	21
22	54-	58					*	*	22
23	44	41	*						23
24	36-	43				*			24
25	22-	27		*		*			25
25+, 24-, 1=									
NO. OF ITEMS			16	5	5	21	1	8	
NO. OF ITEMS BELOW			8	2	1	10	1	5	
% OF ITEMS BELOW			50	40	20	48	100	63	

DISTRICT TOTAL 1,072

CODE	DESCRIPTION	PARTS
A	NUMBER,OPERATION	016
B	SYMBOLISM	005
C	MEASUREMENT,GEOMETRY	005
D	FUNCTION,RELATION	021
E	PROOF	001
F	PROBABILITY, STATS	008

TABLE 93

NOVEMBER 1970

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, WRITING 2B

PART I GRADE 12 HAWAII SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTION A	B	C	D	E	F	G	H	I	J	K	L	ITEM NO.
1	72-	74		*		*		*							1
2	23-	42		*			*	*							2
3	60	47	*		*			*							3
4	68-	75		*				*							4
5	78=	78				*	*	*							5
6	56-	63		*		*		*							6
7	46-	67		*		*		*							7
8	48-	68	*		*						*				8
9	44-	56		*							*				9
10	62-	67		*	*						*				10
11	67-	69		*	*						*				11
12	52	50	*		*						*				12
13	69	56		*							*				13
14	53-	55	*		*						*				14
15	69-	71			*		*					*			15
16	43-	52	*		*							*			16
17	57	51	*		*							*			17
18	66	62	*		*							*			18
19	34-	54	*		*							*			19
20	53-	56				*	*					*			20
21	72-	79		*		*						*			21
22	59	51	*		*							*			22
23	74-	75	*		*				*						23
24	65-	71				*	*		*						24
25	35	27		*			*		*						25
26	55	47		*		*			*						26
27	55-	60	*		*				*						27
28	55	39					*		*						28
29	61-	70			*		*		*						29
30	59	56			*		*		*						30

TABLE 93 (cont.)

NOVEMBER 1970

ITEM STUDY OF SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, WRITING 2B

PART II — GRADE 12 — HAWAII SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTION A	B	C	D	E	F	G	H	I	J	K	L	ITEM NO.
1	32-	48		*									*		1
2	49-	54				*	*						*		2
3	38-	56		*		*							*		3
4	22-	25		*			*						*		4
5	19-	30	*			*							*		5
6	55-	61		*									*		6
7	26-	28	*			*							*		7
8	31-	44			*		*							*	8
9	49-	52		*		*								*	9
10	25-	27	*			*								*	10
11	40-	59		*		*								*	11
12	31	25		*		*								*	12
13	63	57		*		*								*	13
14	49-	58		*		*								*	14
15	44-	51			*									*	15
16	62-	68			*		*			*					16
17	61	57		*						*					17
18	61=	61		*						*					18
19	29-	41			*		*			*					19
20	40	39			*	*				*					20
21	64-	77					*			*					21
22	42-	52			*		*			*					22
23	79=	79		*						*					23
24	46	40		*	*							*			24
25	54-	60		*	*							*			25
26	52-	64		*	*							*			26
27	34-	39	*		*							*			27
28	61-	67				*	*					*			28
29	55-	57				*	*					*			29
30	56-	58	*	*								*			30
15+, 42-, 3=															
NO. OF ITEMS			16	23	26	21	18	7	8	8	7	15	7	8	
NO. OF ITEMS BELOW			11	19	18	16	14	5	4	4	5	11	7	6	
% OF ITEMS BELOW			69	68	69	76	78	71	50	50	71	73	100	75	

DISTRICT TOTAL 1,083

CODE	DESCRIPTION	PARTS
A	ORGANIZATION	016
B	CONVENTIONS	028
C	CRITICAL THINKING	026
D	EFFECTIVENESS	021
E	APPROPRIATENESS	018
F	STORY	007
G	ANNOUNCEMENT	008
H	EDITORIAL	008
I	REPORT	007
J	ESSAY, SPEECH	015
K	PERSONAL NARRATIVE	007
L	CHARACTER STUDY	006

TABLE 94

NOVEMBER 1970

ITEM STUDY OF SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, READING A

PART I GRADE 04 MAUI SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTION A	B	C	D	E	F	G	H	I	J	K	L	ITEM NO.
1	46	56			*						*				1
2	46-	54		*							*				2
3	68-	72	*								*				3
4	24	10				*					*				4
5	46=	46					*				*				5
6	62=	62	*									*			6
7	38-	45	*									*			7
8	56-	63	*									*			8
9	42-	47		*		*						*			9
10	56-	65					*					*			10
11	50=	50	*					*							11
12	48-	49	*					*							12
13	42-	46	*					*							13
14	55=	55			*			*							14
15	44-	56					*	*							15
16	29	22		*						*					16
17	58-	72	*							*					17
18	43-	49	*							*					18
19	50-	63				*				*					19
20	50-	61				*				*					20
21	47-	52	*						*				*		21
22	21-	22		*					*				*		22
23	32-	35	*						*				*		23
24	22-	28					*		*				*		24
25	21-	40			*				*				*		25
26	41-	55	*											*	26
27	28	24					*							*	27
28	27-	34			*									*	28
29	30-	33				*								*	29
30	33-	45		*										*	30
31	22-	24					*	*	*						31
32	21-	23				*		*	*						32
33	18	17	*					*	*						33
34	18-	24			*			*	*						34
35	17-	20	*				*	*	*						35

TABLE 94 (cont.)

NOVEMBER 1970

ITEM STUDY ON SEQUENTIAL TESTS OF [illegible] GRADE 9, [illegible]

PART II GRADE 9 [illegible] SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM CLASSIFICATION A	B	C	D	E	F	G	H	I	J	K	L	ITEM NO.
1	69	67	*						*						1
2	69-	74		*					*						2
3	32-	40				*			*						3
4	63	60				*			*						4
5	65	64					*		*						5
6	59-	66			*					*					6
7	52-	65				*				*					7
8	51-	63		*			*			*					8
9	36=	36		*			*			*					9
10	56-	69	*							*					10
11	48-	62		*								*			11
12	41-	44					*					*			12
13	52-	71	*									*			13
14	55-	69			*							*			14
15	33-	40				*						*			15
16	57-	62	*								*				16
17	41	38		*							*				17
18	32	13				*					*				18
19	47-	55	*								*				19
20	37-	42					*				*				20
21	34	28				*					*				21
22	52-	53			*						*				22
23	33-	44		*							*				23
24	25-	30					*				*				24
25	34	30	*								*				25
26	25	23	*					*							26
27	30	20	*					*							27
28	30-	32				*		*							28
29	31	24		*				*							29
30	30-	34					*	*							30
31	31-	39	*								*				31
32	27-	36				*					*				32
33	26	22		*							*				33
34	20	17					*				*				34
35	29-	30			*						*				35

17+, 48-, 5=

NO. OF ITEMS	23	13	9	14	15	15	15	10	[illegible]	10	3	3
NO. OF ITEMS BELOW	16	8	7	10	10	9	11	8	11	7	2	3
% OF ITEMS BELOW	70	62	78	71	67	60	73	80	55	70	100	100

DISTRICT TOTAL 924

CODE	DESCRIPTION	PARTS	CODE	DESCRIPTION	PARTS
A	REPRODUCE IDEAS	023	H	LETTER	010
B	TRANSLATE, INFERENCES	013	I	STORY	020
C	ANALYZE MOTIVATION	009	J	POETRY	010
D	ANALYZE PRESENTATION	014	K	OPINION, INTERPRT	005
E	CRITICIZE	015	L	PLAY	003
F	DIRECTIONS, ANNOUNCE	015			
G	INFORMATION, EXPLAIN	015			

NOVEMBER 1970

TABLE 95

ITEM STUDY OF SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, MATH 4A

PART I GRADE 04 MAUI SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTION A	B	C	D	E	F	ITEM NO.
1	35-	45			*				1
2	62-	73	*						2
3	25	23			*				3
4	23-	43	*						4
5	31-	44			*				5
6	22	15			*				6
7	27-	42				*		*	7
8	26-	53	*						8
9	25-	40	*						9
10	55-	69		*					10
11	30-	50					*		11
12	37-	51	*						12
13	70-	86	*						13
14	33-	48	*						14
15	8-	15	*						15
16	21	19	*						16
17	57=	57			*				17
18	65-	77			*				18
19	36-	50			*				19
20	38-	62				*			20
21	35-	50			*	*			21
22	19-	24	*						22
23	17-	30	*						23
24	41-	43			*				24
25	32-	67			*				25

TABLE 95 (cont.)

NOVEMBER 1970

ITEM STUDY OF SELECTION TESTS OF [illegible]

PART II [illegible]

ITEM NO.	% RESP CORRECT	PUBL NORM	A	B	C	D	E	F	ITEM DESCRIPTION	ITEM NO.
1	28-	50	*							1
2	29-	40	*							2
3	49	55	*							3
4	23	20	*							4
5	16-	32				*				5
6	21	18				*				6
7	43	37			*					7
8	24-	33				*				8
9	19	12		*						9
10	32-	47					*	*		10
11	26	23				*		*		11
12	46-	60	*							12
13	34-	51		*						13
14	25	18	*							14
15	28	23				*				15
16	30-	53		*						16
17	35	19	*							17
18	31-	32			*					18
19	32-	45			*					19
20	30-	39	*							20
21	25-	39	*							21
22	26-	32	*							22
23	25	23	*							23
24	18-	21	*							24
25	17	15			*					25

14+, 35-, 1=

NO. OF ITEMS	23	4	14	8	2	3
NO. OF ITEMS BELOW	17	3	9	5	2	2
% OF ITEMS BELOW	74	75	64	63	100	67

DISTRICT TOTAL 925

CODE	DESCRIPTION	PARTS
A	NUMBER, OPERATION	023
B	SYMBOLISM	004
C	MEASUREMENT, GEOMETRY	014
D	FUNCTION, RELATION	008
E	PROOF	002
F	PROBABILITY, STATS	003

TABLE 96

NOVEMBER 1970

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, WRITING 4A

PART I GRADE 04 MAUI SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTION A	B	C	D	E	F	G	H	I	J	K	L		ITEM NO.
1	48	41		*					*							1
2	58	56		*					*							2
3	59	49		*			*		*							3
4	54-	57		*		*			*							4
5	33-	35		*					*							5
6	60	55		*					*							6
7	39	25			*	*									*	7
8	36	33		*		*									*	8
9	41-	43		*											*	9
10	43-	47	*												*	10
11	26-	37		*											*	11
12	45	39		*											*	12
13	30	28				*	*			*				*		13
14	31	18	*	*						*				*		14
15	36-	42	*		*					*				*		15
16	25	22	*	*						*				*		16
17	43	36	*				*			*				*		17
18	34-	42	*		*					*				*		18
19	28	23	*	*					*							19
20	31	26		*			*		*							20
21	35	34		*			*		*							21
22	34	29	*	*					*							22
23	32=	32		*		*			*							23
24	53	51		*			*		*							24
25	37-	42		*					*							25
26	31	22	*				*				*					26
27	21-	23		*		*					*					27
28	21	16	*		*						*					28
29	32	27		*		*					*					29
30	22-	25		*		*					*					30

NOVEMBER 1970

TABLE 96 (cont.)

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, WRITING 4B

PART II GRADE 04 MAUI SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTION A	B	C	D	E	F	G	H	I	J	K	L	M	ITEM NO.
1	32-	34		*			*					*	*			1
2	38	32		*			*					*	*			2
3	35	31	*									*	*			3
4	42	37		*	*							*	*			4
5	36-	45		*		*						*	*			5
6	35	31		*					*							6
7	31-	21					*		*							7
8	32-	47				*			*							8
9	28	22		*					*							9
10	27-	33		*			*		*							10
11	29	28	*	*				*								11
12	32-	34		*				*								12
13	31	28		*		*		*								13
14	30=	30		*		*		*								14
15	35	32		*				*								15
16	33-	46		*			*	*								16
17	20	09		*				*								17
18	30	29	*	*				*								18
19	33-	36		*		*				*				*		19
20	39-	41		*		*				*				*		20
21	29	12		*			*			*				*		21
22	35	32		*		*				*				*		22
23	31	21					*			*				*		23
24	22	04	*							*				*		24
25	33	26	*			*				*				*		25
26	17-	21		*		*				*			*			26
27	24	16		*		*				*			*			27
28	19	16	*							*			*			28
29	24	17		*		*				*			*			29
30	29-	33		*			*			*			*			30

37+, 21-, 2=

NO. OF ITEMS	16	45	5	12	12	5	18	18	5	5	10	12	6
NO. OF ITEMS BELOW	3	16	2	8	5	2	9	6	2	2	4	4	2
% OF ITEMS BELOW	19	36	40	42	33	25	33	33	40	40	40	33	50

DISTRICT TOTAL 921

CODE	DESCRIPTION	PARTS	CODE	DESCRIPTION	PARTS
A	ORGANIZATION	016	H	STORY	018
B	CONVENTIONS	045	I	ANNOUNCEMENT	005
C	CRITICAL THINKING	005	J	REPORT	005
D	EFFECTIVENESS	019	K	ESSAY, SPEECH	010
E	APPROPRIATENESS	015	L	PERSONAL NARRATIVE	012
F	MINUTES	008	M	CHARACTER STUDY	006
G	LETTER	018			

TABLE 97

NOVEMBER 1970

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, READING 48

PART I GRADE 3D PAGI SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTION A	B	C	D	E	F	G	H	I	J	K	L	ITEM NO.
1	89	87	*								*		*		1
2	83	76	*								*		*		2
3	81	75	*								*		*		3
4	81-	85			*		*				*		*		4
5	69-	72									*		*		5
6	72-	79	*								*				6
7	56-	67		*							*				7
8	59-	65			*						*				8
9	69-	70					*				*				9
10	61-	66				*					*				10
11	58-	65	*									*			11
12	53-	68		*								*			12
13	30	29			*							*			13
14	28-	36				*						*			14
15	38	00				*						*			15
16	77-	81			*				*						16
17	71-	75	*	*					*						17
18	59-	61	*						*						18
19	64-	66				*			*						19
20	67-	74					*		*						20
21	76	71	*	*				*	*						21
22	65-	70	*					*	*						22
23	71	69			*			*	*						23
24	72-	75	*					*	*						24
25	40-	46					*	*	*						25
26	55-	56	*								*				26
27	47	45		*							*				27
28	47-	53					*				*				28
29	58	51		*							*				29
30	47-	54		*							*				30
31	46-	47	*							*					31
32	19-	25		*						*					32
33	40	32			*					*					33
34	27-	37			*					*					34
35	49	44					*			*					35

NOVEMBER 1970

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, [illegible]

PART II GRADE 06 [illegible] SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTION A	B	C	D	E	F	G	H	I	J	K	L	ITEM NO.
1	76-	88	*								*				
2	60-	74	*								*				2
3	76-	82		*							*				3
4	80-	90			*						*				4
5	75-	87			*	*					*				5
6	75-	85	*							*					6
7	52-	57		*						*					7
8	84-	95				*				*					8
9	56-	58			*					*					9
10	82-	90				*				*					10
11	76-	84		*				*	*						11
12	65-	67	*				*	*	*						12
13	28-	34	*	*				*	*						13
14	51-	67			*			*	*						14
15	42-	69					*	*	*						15
16	57-	58	*									*			16
17	70-	77			*							*			17
18	72-	91		*								*			18
19	56-	58					*					*			19
20	68-	72			*							*			20
21	50-	67	*						*		*				21
22	38-	41	*				*		*		*				22
23	72	69			*				*		*				23
24	54-	64		*					*		*				24
25	37	33				*			*		*				25
26	58-	72		*										*	26
27	67	65	*											*	27
28	43-	57			*									*	28
29	48=	48			*									*	29
30	56-	67				*								*	30
31	59	58	*						*				*		31
32	43	40		*					*				*		32
33	40	27			*				*				*		33
34	29-	33				*			*				*		34
35	39-	44					*		*				*		35

17+, 52-, 1=

NO. OF ITEMS	22	16	17	10	11	10	25	10	25	10	10	5	
NO. OF ITEMS BELOW	16	12	11	8	10	8	19	8	18	8	4	3	
% OF ITEMS BELOW	73	75	65	80	91	80	76	80	72	80	40	60	

DISTRICT TOTAL 899

CODE	DESCRIPTION	PARTS	CODE	DESCRIPTION	PARTS
A	REPRODUCE IDEAS	022	H	LETTER	010
B	TRANSLATE, INFERENCES	016	I	STORY	025
C	ANALYZE MOTIVATION	017	J	POETRY	010
D	ANALYZE PRESENTATION	010	K	OPINION, INTERPRET	020
E	CRITIZE	011	L	PLAY	005
F	DIRECTIONS, ANNOUNCE	010			
G	INFORMATION, EXPLAIN	025			

TABLE 98

NOVEMBER 1970

ITEM STUDY IN SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, MATH 4B

PART I GRADE 06 MAUI SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTION A	B	C	D	E	F	ITEM NO.
1	54-	67				*			1
2	25-	34				*			2
3	44-	53				*			3
4	21-	33				*			4
5	31-	46				*			5
6	54-	65					*		6
7	41	22	*						7
8	56	26	*	*					8
9	79-	85			*				9
10	79=	79		*					10
11	56-	63			*				11
12	26-	37					*		12
13	72-	78	*						13
14	35-	38						*	14
15	43-	46	*						15
16	35-	37			*				16
17	71-	79			*				17
18	48-	59	*						18
19	25-	34	*						19
20	66	62	*						20
21	55=	55				*			21
22	60-	80				*			22
23	28-	33				*			23
24	33-	60		*	*				24
25	32-	41				*			25

TABLE 98 (cont.)

NOVEMBER 1970

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, MATH A

PART II GRADE 10 MAUI SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	A	B	C	D	E	F	ITEM DESCRIPTION	ITEM NO.
1	45-	54			*					1
2	72-	84	*							2
3	67-	72	*							3
4	41-	55	*							4
5	35-	59	*							5
6	35-	56					*			6
7	88-	97	*							7
8	34=	34				*				8
9	45=	45			*					9
10	81	80				*				10
11	46-	64				*		*		11
12	55-	60				*		*		12
13	40-	45				*		*		13
14	59	58	*	*						14
15	32	29	*	*						15
16	46-	55			*					16
17	70-	60	*							17
18	42-	62	*							18
19	34-	40	*							19
20	25=	25				*				20
21	40	38			*					21
22	55-	67				*				22
23	33-	34	*							23
24	55-	66	*		*					24
25	51-	58	*							25

7+, 38-, 5=

NO. OF ITEMS	20	5	10	16	3	4	
NO. OF ITEMS BELOW	15	1	8	12	3	4	
% OF ITEMS BELOW	75	20	80	75	100	100	

DISTRICT TOTAL 699

CODE	DESCRIPTION	PARTS
A	NUMBER,OPERATION	020
B	SYMBOLISM	005
C	MEASUREMENT,GEOMETRY	010
D	FUNCTION, RELATION	016
E	PROOF	003
F	PROBABILITY, STATS	004

TABLE 99

NOVEMBER 1970

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, WRITING 4B

PART I GRADE 08 MAUI SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTION A	B	C	D	E	F	G	H	I	J	K	L	M	N	ITEM NO.
1	64	59			*	*				*					*		1
2	46-	61		*		*				*					*		2
3	43-	48		*			*			*					*		3
4	48-	61		*						*					*		4
5	54	53	*			*				*					*		5
6	44-	45	*			*				*					*		6
7	56-	80		*		*				*					*		7
8	58-	65			*	*				*							8
9	25	21				*	*			*							9
10	55-	56		*		*				*							10
11	29-	38		*		*				*							11
12	59-	67	*			*				*							12
13	67	51			*		*			*							13
14	36-	49		*		*						*					14
15	49-	52		*	*							*					15
16	40-	44			*	*						*					16
17	52-	65			*							*					17
18	31-	40	*			*						*					18
19	36-	58	*	*								*					19
20	66	59		*					*								20
21	75-	76		*					*								21
22	56	55		*			*		*								22
23	47-	53				*	*		*								23
24	46-	56					*		*								24
25	49-	58		*			*		*								25
26	47-	48	*		*						*						26
27	47-	52		*		*					*						27
28	44	36		*		*					*						28
29	54-	55	*		*						*						29
30	47-	54		*			*				*						30

NOVEMBER 1970

TABLE 99 (cont.)

ITEM STUDY OF SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, [illegible]

PART II [illegible]

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTION A	B	C	D	E	F	G	H	I	J	K	L	M	N	ITEM NO.
1	24-	40	*	*					*								1
2	45-	46	*				*		*								2
3	64-	76		*			*		*								3
4	34-	40			*		*		*								4
5	39-	45		*		*			*								5
6	53-	63	*				*		*								6
7	56=	56	*		*										*	*	7
8	58-	62		*		*									*	*	8
9	72-	82					*								*	*	9
10	56-	62	*		*										*	*	10
11	52-	59		*											*	*	11
12	68-	78		*		*									*	*	12
13	52-	62		*		*									*	*	13
14	46-	53		*		*		*									14
15	39-	51		*		*		*									15
16	36-	56		*	*			*									16
17	40-	54		*		*		*									17
18	46-	53		*		*		*									18
19	43-	44	*		*			*									19
20	46-	54		*		*				*					*		20
21	32-	37	*			*				*					*		21
22	46-	65		*		*				*					*		22
23	31-	47		*		*				*					*		23
24	36-	52		*		*				*					*		24
25	52-	60	*				*			*					*		25
26	41-	46			*	*							*	*			26
27	56	46	*			*							*	*			27
28	41-	54		*		*							*	*			28
29	34-	41		*			*						*	*			29
30	56=	56		*		*							*	*			30
8+, 50-, 2=																	
NO. OF ITEMS			15	30	14	33	15	6	12	15	5	6	5	5	20	7	
NO. OF ITEMS BELOW			13	31	11	27	12	6	10	12	4	6	3	3	17	4	
% OF ITEMS BELOW			87	89	79	82	80	100	83	79	80	100	60	60	85	66	

DISTRICT TOTAL 899

CODE	DESCRIPTION	PARTS	CODE	DESCRIPTION	PARTS
A	ORGANIZATION	016	H	STORY	019
B	CONVENTIONS	035	I	ANNOUNCEMENT	009
C	CRITICAL THINKING	014	J	EDITORIAL	006
D	EFFECTIVENESS	033	K	DIRECTIONS	005
E	APPROPRIATENESS	015	L	NEWS STORY	005
F	MINUTES	006	M	PERSONAL NARRATIVE	020
G	LETTER	012	N	CHARACTER STUDY	007

NOVEMBER 1970

TABLE 100

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, READING 2A

PART I GRADE 06 ADBI SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	A	B	C	D	E	F	G	H	I	J	K	L	ITEM NO.
1	59	54					*			*					1
2	60-	69				*				*					2
3	90=	90	*							*					3
4	73-	81		*						*					4
5	90-	95			*					*					5
6	74-	82	*					*							6
7	39=	39	*					*							7
8	56-	62				*		*							8
9	31-	33					*	*							9
10	55-	61		*				*							10
11	61-	66	*								*				11
12	68-	72				*					*				12
13	26-	27		*							*				13
14	45-	49					*				*				14
15	21	13					*				*				15
16	57-	76	*						*		*				16
17	63-	66	*						*		*				17
18	53	40			*				*		*				18
19	43=	43				*			*		*				19
20	25	16				*			*		*				20
21	50-	57	*										*		21
22	44-	53			*								*		22
23	50-	52		*									*		23
24	41	39				*							*		24
25	32-	44					*						*		25
26	33-	46	*									*			26
27	32	24				*						*			27
28	46	38		*								*			28
29	27-	46					*					*			29
30	31	27		*	*							*			30
31	58-	61	*								*				31
32	19	15		*							*				32
33	31	24			*						*				33
34	40	31				*					*				34
35	42	35					*				*				35

TABLE 100 (cont.)

NOVEMBER 1970

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, READING 04

PART II GRADE 04 MAUI SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	A	B	C	D	E	F	G	H	I	J	K	L	ITEM NO.
1	61-	88	*								*				1
2	59-	73			*						*				2
3	58-	62		*							*				3
4	41-	44				*					*				4
5	37-	48				*					*				5
6	79-	84	*											*	6
7	60-	81		*										*	7
8	65-	72				*								*	8
9	52-	66					*							*	9
10	52-	56					*							*	10
11	58-	66		*		*						*			11
12	38-	40					*					*			12
13	55	53				*						*			13
14	40-	41		*								*			14
15	49	48	*									*			15
16	45-	50	*								*				16
17	58-	74		*							*				17
18	64-	82			*						*				18
19	50-	57				*					*				19
20	59-	74					*				*				20
21	68-	70			*			*							21
22	44-	56	*					*							22
23	47=	47		*				*							23
24	55-	70				*		*							24
25	48-	51					*	*							25
26	44-	50	*							*			*		26
27	56-	67			*					*			*		27
28	46-	55				*				*			*		28
29	69-	64		*			*			*			*		29
30	28	18				*	*			*			*		30
31	36-	39		*					*						31
32	56=	56	*						*						32
33	32	28					*		*						33
34	41-	48				*			*						34
35	31	29			*				*						35

17+, 48-, 5=

NO. OF ITEMS	16	15	10	18	15	10	10	10	25	10	10	5	
NO. OF ITEMS BELOW	12	11	6	11	10	8	4	7	17	5	8	5	
% OF ITEMS BELOW	75	73	60	61	67	80	40	70	68	50	80	100	

DISTRICT TOTAL 868

CODE	DESCRIPTION	PARTS
A	REPRODUCE IDEAS	016
B	TRANSLATE, INFERENCE	015
C	ANALYZE MOTIVATION	010
D	ANALYZE PRESENTATION	018
E	CRITICIZE	015
F	DIRECTIONS, ANNOUNCE	010
G	INFORMATION, EXPLAIN	010
H	LETTER	010
I	STORY	025
J	POETRY	010
K	OPINION, INTERPRET	010
L	PLAY	005

TABLE 101

NOVEMBER 1970

ITEM STUDY OF SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, MATH 3A

PART I GRADE 03 [illegible] SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	A	B	C	D	E	F	ITEM DESCRIPTION	ITEM NO.
1	81	79		*						1
2	77-	80		*						2
3	50-	53		*						3
4	60	59		*						4
5	47	37		*			*			5
6	29-	50			*					6
7	30-	47		*		*				7
8	45	44		*		*				8
9	72	67				*				9
10	55-	57				*				10
11	61-	82				*		*		11
12	61-	74				*		*		12
13	37-	40				*		*		13
14	48-	49				*		*		14
15	47	45				*		*		15
16	26-	42				*				16
17	56-	73	*			*				17
18	38	34	*			*				18
19	26-	30	*			*				19
20	41	36			*					20
21	49-	56				*				21
22	10-	11					*	*		22
23	23	19			*					23
24	25-	26			*					24
25	22-	25			*					25

NOVEMBER 1970

TABLE 101 (cont.)

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, MATH 3A

PART II GRADE 08 MAUI SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	A	B	C	D	E	F	ITEM NO.
1	47-	70			*				1
2	50-	62			*				2
3	34-	50	*						3
4	40-	42				*			4
5	29-	42	*						5
6	34-	57					*		6
7	44-	56	*						7
8	33-	58	*						8
9	42	41		*		*			9
10	65-	75				*		*	10
11	44-	55				*			11
12	14-	18				*		*	12
13	27-	33				*		*	13
14	39-	49			*				14
15	43-	48			*				15
16	25-	40			*				16
17	33	32	*						17
18	58-	67					*		18
19	46	45			*				19
20	27=	27				*			20
21	12	04			*				21
22	11	06				*			22
23	42	36			*				23
24	23	20			*				24
25	39-	48			*				25

16+, 33-, 1=

	A	B	C	D	E	F
NO. OF ITEMS	8	8	15	22	4	9
NO. OF ITEMS BELOW	6	3	9	15	3	8
% OF ITEMS BELOW	75	38	60	68	75	89

DISTRICT TOTAL 867

CODE	DESCRIPTION	PARTS
A	NUMBER,OPERATION	008
B	SYMBOLISM	008
C	MEASUREMENT,GEOMETRY	013
D	FUNCTION,RELATION	022
E	PROOF	004
F	PROBABILITY, STATS	009

TABLE 102

NOVEMBER 1970

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, WRITING

PART I — GRADE 03 — MALE SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	A	B	C	D	E	F	G	H	I	J	K	L	M	ITEM NO.
1	80	83		*				*								1
2	74	85	*				*	*								2
3	45-	52		*		*		*								3
4	42-	60			*	*		*								4
5	76-	78		*				*								5
6	78-	91	*		*			*								6
7	56-	61	*		*						*					7
8	43-	57		*		*					*					8
9	60-	79				*	*				*					9
10	38	31		*		*					*					10
11	38-	43				*	*				*					11
12	57=	57	*			*					*					12
13	46-	67		*		*									*	13
14	39	28		*		*									*	14
15	46-	55	*		*										*	15
16	49-	61		*		*									*	16
17	42	32	*			*									*	17
18	38-	53		*		*						*		*		18
19	46-	49	*		*							*		*		19
20	44-	58		*		*						*		*		20
21	53	46				*	*					*		*		21
22	20-	27	*			*						*		*		22
23	36-	53		*		*						*		*		23
24	20	18		*								*		*		24
25	42-	58	*			*				*						25
26	46=	46		*		*				*						26
27	36-	47	*	*						*						27
28	45-	64		*			*			*						28
29	50-	68				*	*			*						29
30	49-	56	*		*					*						30

TABLE 102 (cont.)

NOVEMBER 1970

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, WRITING

PART II GRADE 08 [illegible] SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTION A	B	C	D	E	F	G	H	I	J	K	L	M	ITEM NO.
1	27-	37	*	*				*				*				1
2	38	31		*		*		*				*				2
3	24-	30		*				*				*				3
4	41	30	*			*		*				*				4
5	26-	49	*			*		*				*				5
6	53-	55	*				*	*				*				6
7	65	57		*		*							*	*		7
8	34-	41		*		*							*	*		8
9	50-	60	*		*								*	*		9
10	44-	57	*	*									*	*		10
11	36-	47		*		*							*	*		11
12	58-	74	*		*								*	*		12
13	48-	52	*			*							*	*		13
14	47-	53			*		*							*	*	14
15	27	16	*			*								*	*	15
16	32-	38	*				*							*	*	16
17	45-	46	*		*									*	*	17
18	33	31	*				*							*	*	18
19	38-	41	*		*									*	*	19
20	28-	30		*										*	*	20
21	43-	44	*				*		*							21
22	35-	40		*		*			*							22
23	29	22				*	*		*							23
24	39	34	*	*					*							24
25	30-	34	*				*		*							25
26	41-	54		*			*		*							26
27	67-	73			*	*								*		27
28	59-	64	*			*								*		28
29	36-	38		*		*								*		29
30	48-	60	*			*								*		30
	14+, 44-, 2=															
NO. OF ITEMS			29	27	12	33	14	12	6	6	3	13	7	23	12	
NO. OF ITEMS BELOW			22	19	12	22	10	8	4	5	4	9	6	20	8	
% OF ITEMS BELOW			76	70	100	67	71	67	67	83	67	69	86	87	67	

DISTRICT TOTAL 883

CODE	DESCRIPTION	PARTS	CODE	DESCRIPTION	PARTS
A	ORGANIZATION	029	H	STORY	005
B	CONVENTIONS	027	I	ANNOUNCEMENT	006
C	CRITICAL THINKING	012	J	DIRECTIONS	013
D	EFFECTIVENESS	033	K	REPORT	007
E	APPROPRIATENESS	014	L	ESSAY, SPEECH	023
F	LETTER	012	M	PERSONAL NARRATIVE	012
G	QUESTIONNAIRE	006			

TABLE 103

NOVEMBER 1970

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, READING 2A

PART I GRADE 10 MAUI SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTION A	B	C	D	E	F	G	H	I	J	K	L	ITEM NO.
1	58	47					*							*	1
2	76	71				*								*	2
3	47	45				*								*	3
4	35-	50		*										*	4
5	80	74		*										*	5
6	85-	87	*								*				6
7	44	36			*						*				7
8	47-	51				*					*				8
9	77-	85	*	*							*				9
10	79=	79				*					*				10
11	75	64		*			*		*						11
12	38-	53	*	*					*						12
13	64	41				*			*						13
14	38	36	*						*						14
15	46	43				*			*						15
16	47-	69			*								*		16
17	69-	70			*								*		17
18	52-	58				*							*		18
19	40-	47		*									*		19
20	57	56				*							*		20
21	69-	77	*								*				21
22	72-	79					*				*				22
23	62-	73	*								*				23
24	40-	50				*					*				24
25	34-	55			*						*				25
26	66-	73		*						*			*		26
27	38-	45				*				*			*		27
28	56	50	*							*			*		28
29	35	34			*					*			*		29
30	33	21				*				*			*		30
31	69	55			*							*			31
32	40	35				*						*			32
33	39-	43	*									*			33
34	21-	29		*								*			34
35	57	47				*						*			35

TABLE 103 (cont.)

NOVEMBER 1970

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, READING 2A

PART II GRADE 10 MAUI SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTION A	B	C	D	E	F	G	H	I	J	K	L	ITEM NO.
1	38-	52				*		*	*						1
2	46-	58	*					*	*						2
3	32-	37		*				*	*						3
4	53	49				*		*	*						4
5	50-	55			*			*	*						5
6	74-	82	*						*		*				6
7	69-	75			*				*		*				7
8	64-	78				*			*		*				8
9	61-	62					*		*		*				9
10	43	39	*						*		*				10
11	61-	82			*					*					11
12	53-	60			*	*				*					12
13	55-	74	*							*					13
14	26-	35			*					*					14
15	33-	35	*							*					15
16	75-	81	*								*				16
17	65-	67		*							*				17
18	48-	76			*						*				18
19	23-	24			*		*				*				19
20	35=	35				*					*				20
21	51-	73				*						*			21
22	72-	74		*								*			22
23	49	39			*							*			23
24	66-	75	*									*			24
25	54	46					*					*			25
26	31-	44				*							*		26
27	34-	44			*								*		27
28	30-	36				*							*		28
29	37-	51	*										*		29
30	23	17		*									*		30
31	53-	72	*											*	31
32	60-	68				*								*	32
33	66-	69				*								*	33
34	58-	60	*	*										*	34
35	49-	56				*								*	35
21+, 47-, 2=															
NO. OF ITEMS			18	13	15	24	6	5	15	10	20	10	15	10	
NO. OF ITEMS BELOW			15	10	11	13	3	4	9	7	16	5	10	6	
% OF ITEMS BELOW			83	77	73	54	50	80	60	70	80	50	67	60	

DISTRICT TOTAL 860

CODE	DESCRIPTION	PARTS
A	REPRODUCE IDEAS	018
B	TRANSLATE, INFERENCE	013
C	ANALYZE MOTIVATION	015
D	ANALYZE PRESENTATION	024
E	CRITIZE	006
F	DIRECTIONS, ANNOUNCE	005
G	INFORMATION, EXPLAIN	015
H	LETTER	010
I	STORY	020
J	POETRY	010
K	OPINION, INTERPRET	015
L	PLAY	010

TABLE 104

NOVEMBER 1970

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, MATH 2A

PART I GRADE 10 MAUI SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	A	B	C	D	E	F	ITEM DESCRIPTION	ITEM NO.
1	22	19						*		1
2	14-	24						*		2
3	55-	64						*		3
4	16-	17				*				4
5	34-	39			*					5
6	20-	27				*				6
7	41-	50			*					7
8	35	34			*					8
9	38-	40			*					9
10	50-	65			*					10
11	54-	69				*				11
12	28-	43	*							12
13	27-	34			*					13
14	19-	20			*					14
15	13	11				*				15
16	66-	74				*				16
17	48-	63				*				17
18	54-	61			*					18
19	24=	24		*	*					19
20	36	26				*				20
21	38=	38			*					21
22	34-	46				*				22
23	39-	45				*				23
24	35	27	*							24
25	21	15	*	*						25

TABLE 104 (cont.)

NOVEMBER 1970

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, MATH 2A

PART II GRADE 10 MAUI SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTION A	B	C	D	E	F	ITEM NO.
1	32-	37			*				1
2	54	49					*		2
3	29=	29	*	*					3
4	31	11	*	*					4
5	9-	12				*			5
6	38-	42						*	6
7	31-	32	*						7
8	30=	30				*			8
9	46-	57	*						9
10	56-	57			*				10
11	28	25		*		*			11
12	53	50			*				12
13	47-	48				*			13
14	47-	50				*			14
15	44-	45				*			15
16	48-	49						*	16
17	31	21				*			17
18	44-	68					*		18
19	38=	38				*			19
20	21-	38			*				20
21	20	19			*				21
22	75-	67	*						22
23	36	33				*			23
24	32	25			*				24
25	28	27		*		*			25

15+, 30-, 5=

NO. OF ITEMS	8	6	16	19	2	5
NO. OF ITEMS BELOW	4		10	11	1	4
% OF ITEMS BELOW	50		63	58	50	80

DISTRICT TOTAL 871

CODE	DESCRIPTION	PARTS
A	NUMBER,OPERATION	008
B	SYMBOLISM	006
C	MEASUREMENT,GEOMETRY	016
D	FUNCTION,RELATION	019
E	PROOF	002
F	PROBABILITY, STATS	005

TABLE 105

NOVEMBER 1970

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, WRITING 2A

PART I GRADE 10 MAUI SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTION A	B	C	D	E	F	G	H	I	J	K	ITEM NO.
1	65	62		*		*							*	1
2	48-	56		*		*							*	2
3	40-	46		*		*							*	3
4	54	43		*									*	4
5	65-	68	*			*							*	5
6	51=	51		*		*							*	6
7	67	52				*	*						*	7
8	27-	35		*		*							*	8
9	46	44	*			*			*					9
10	35-	43		*		*			*					10
11	60-	63		*		*			*					11
12	51-	54		*					*					12
13	27-	31		*		*			*					13
14	69	66		*					*					14
15	47	37	*		*				*					15
16	36	30	*		*						*			16
17	50-	59		*		*					*			17
18	43	37		*		*					*			18
19	60=	60		*		*					*			19
20	46	43	*			*					*			20
21	43-	48	*	*							*			21
22	37-	45	*								*			22
23	57-	63	*		*						*			23
24	34	30				*	*	*						24
25	51=	51		*				*						25
26	51-	56		*		*		*						26
27	47	38				*	*	*						27
28	33=	33	*	*				*						28
29	38	35	*			*		*						29
30	41	36	*	*				*						30

TABLE 105 (cont.)

NOVEMBER 1970

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, WRITING 2A

PART II GRADE 10 MAUI SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTION A	B	C	D	E	F	G	H	I	J	K	ITEM NO.
1	45	37	*		*							*	*	1
2	19	12		*		*						*	*	2
3	30	21		*		*						*	*	3
4	52-	54		*	*							*	*	4
5	16-	21	*	*								*	*	5
6	56=	56	*		*							*	*	6
7	48-	50	*		*							*	*	7
8	36-	41	*			*							*	8
9	53-	59	*		*								*	9
10	52-	56	*		*								*	10
11	57-	63		*		*							*	11
12	31-	34		*		*							*	12
13	30-	33		*									*	13
14	46-	61	*		*								*	14
15	31-	35	*	*								*		15
16	45-	53		*		*						*		16
17	26-	36		*								*		17
18	41	40	*		*							*		18
19	75-	84		*								*		19
20	40	38			*	*						*		20
21	40-	48		*		*						*		21
22	40	30	*				*					*		22
23	36	25	*				*			*				23
24	57	55				*	*			*				24
25	49-	54				*	*			*				25
26	41-	50		*		*				*				26
27	29-	34		*		*				*				27
28	24	22		*		*				*				28
29	39-	43	*		*					*				29
30	24-	44		*			*			*				30
22+, 33-, 5=														
NO. OF ITEMS			24	35	13	32	8	7	7	8	8	15	22	
NO. OF ITEMS BELOW			12	23	7	17	2	1	4	5	4	8	14	
% OF ITEMS BELOW			50	66	54	53	25	14	57	63	50	53	64	

DISTRICT TOTAL 865

CODE	DESCRIPTION	PARTS	CODE	DESCRIPTION	PARTS
A	ORGANIZATION	024	H	NEWS STORY	008
B	CONVENTIONS	035	I	REPORT	008
C	CRITICAL THINKING	013	J	ESSAY, SPEECH	015
D	EFFECTIVENESS	032	K	PERSONAL NARRATIVE	022
E	APPROPRIATENESS	008			
F	MINUTES	007			
G	DIRECTIONS	007			

TABLE 106

NOVEMBER 1970

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, READING 2B

PART I GRADE 12 MAUI SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTION A	B	C	D	E	F	G	H	I	J	K	L	ITEM NO.
1	53-	57			*									*	1
2	69-	73	*											*	2
3	73=	73				*								*	3
4	75-	85		*										*	4
5	69	67		*										*	5
6	66-	79	*										*		6
7	88-	89					*						*		7
8	60-	70			*								*		8
9	64-	72					*						*		9
10	74	66				*							*		10
11	74-	95			*		*			*					11
12	67-	82		*						*					12
13	69-	75				*				*					13
14	48-	52	*							*					14
15	72-	82			*					*					15
16	81	79	*	*							*				16
17	73-	77	*	*							*				17
18	70-	74			*						*				18
19	65-	75					*				*				19
20	36-	49				*					*				20
21	59	58	*											*	21
22	49-	63		*										*	22
23	54-	60			*									*	23
24	56-	72		*										*	24
25	39-	51				*								*	25
26	73-	78	*					*							26
27	68	58		*				*							27
28	60	52				*		*							28
29	53	52			*			*							29
30	52-	57					*	*							30
31	69-	85	*						*				*		31
32	46-	51			*				*				*		32
33	43-	54				*			*				*		33
34	60	58					*		*				*		34
35	55	51		*					*				*		35

TABLE 106 (cont.)

NOVEMBER 1970

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, READING 2B

PART II GRADE 12 MAUI SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTION A	B	C	D	E	F	G	H	I	J	K	L	ITEM NO.
1	77-	95			*				*						1
2	88-	98		*					*						2
3	82-	95			*				*						3
4	41-	59				*			*						4
5	49	48					*		*						5
6	72	68		*								*			6
7	53-	57		*								*			7
8	42-	54				*						*			8
9	68-	88	*									*			9
10	64	46					*					*			10
11	65-	78	*		*								*		11
12	53-	70		*									*		12
13	71-	79	*										*		13
14	56	50				*							*		14
15	46	41					*						*		15
16	71-	78	*					*							16
17	74-	86					*	*							17
18	37-	53					*	*							18
19	83-	94				*		*							19
20	32-	37					*	*							20
21	27-	59			*					*					21
22	52-	60	*							*					22
23	38-	51					*			*					23
24	51=	51				*				*					24
25	37-	43		*						*					25
26	53=	53	*								*				26
27	74-	79	*								*				27
28	77	76		*							*				28
29	49-	50			*						*				29
30	26-	35				*					*				30
31	76-	87	*											*	31
32	56-	66					*							*	32
33	41-	69					*							*	33
34	42	38		*										*	34
35	32-	42				*								*	35
16+, 51-, 3=															
NO. OF ITEMS			16	16	13	14	15	10	10	10	10	5	15	15	
NO. OF ITEMS BELOW			13	9	12	9	11	7	7	9	7	3	10	11	
% OF ITEMS BELOW			81	56	92	64	73	70	70	90	70	60	67	73	

DISTRICT TOTAL 739

CODE	DESCRIPTION	PARTS
A	REPRODUCE IDEAS	016
B	TRANSLATE, INFERENCE	016
C	ANALYZE MOTIVATION	013
D	ANALYZE PRESENTATION	014
E	CRITICIZE	015
F	DIRECTIONS, ANNOUNCE	010
G	INFORMATION, EXPLAIN	010
H	LETTER	010
I	STORY	010
J	POETRY	005
K	OPINION, INTERPRET	015
L	PLAY	015

TABLE 107

NOVEMBER 1970

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, [illegible]

PART I GRADE 12 [illegible]

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTION A	B	C	D	E	F	ITEM NO.
1	64-	68	*						1
2	31-	32	*						2
3	56	54	*						3
4	35	33				*			4
5	49-	55						*	5
6	42-	45				*			6
7	34-	46				*			7
8	60-	71	*						8
9	28	24				*			9
10	64-	71				*			10
11	54-	56	*						11
12	41-	49	*						12
13	40-	60	*						13
14	36-	39		*	*				14
15	40-	41	*						15
16	91-	96				*			16
17	51-	63				*			17
18	37-	38						*	18
19	35-	56				*			19
20	50	45				*			20
21	54	44				*			21
22	24-	27				*			22
23	25	26				*			23
24	34	24				*			24
25	40-	41		*		*			25

TABLE 107 (cont.)

NOVEMBER 1970

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, MATH 2B

PART II GRADE 12 MAUI SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	A	B	C	D	E	F	ITEM NO.
1	42-	57	*						1
2	28	22	*	*					2
3	47	46				*			3
4	37	34				*			4
5	33	32			*				5
6	37	34			*				6
7	43-	47				*			7
8	44-	71	*						8
9	41-	54	*						9
10	49-	66	*						10
11	36	30			*				11
12	38-	42	*						12
13	55-	62						*	13
14	57	51						*	14
15	27	24						*	15
16	72-	79				*			16
17	68	63	*						17
18	28-	33			*				18
19	50-	53		*		*			19
20	58-	69						*	20
21	14-	21						*	21
22	54-	58					*	*	22
23	45	41	*						23
24	33-	43				*			24
25	19-	27		*		*			25

17+, 33-, 0=

NO. OF ITEMS	16	5	5	21	1	8	
NO. OF ITEMS BELOW	12	4	2	13	1	6	
% OF ITEMS BELOW	75	80	40	62	100	75	

DISTRICT TOTAL 729

CODE	DESCRIPTION	PARTS
A	NUMBER,OPERATION	016
B	SYMBOLISM	005
C	MEASUREMENT,GEOMETRY	005
D	FUNCTION,RELATION	021
E	PROOF	001
F	PROBABILITY, STATS	008

TABLE 108

NOVEMBER 1970

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, WRITING 28

PART I GRADE 12 MAUI SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTION A	B	C	D	E	F	G	H	I	J	K	L	ITEM NO.
1	70-	74		*		*		*							1
2	19-	42		*			*	*							2
3	57	47	*		*			*							3
4	75=	75		*				*							4
5	77-	78				*	*	*							5
6	53-	68		*		*		*							6
7	35-	67		*		*		*							7
8	44-	68	*		*						*				8
9	39-	56		*							*				9
10	57-	67		*	*						*				10
11	64-	69		*	*						*				11
12	49-	50	*		*						*				12
13	67	56		*							*				13
14	49-	55	*		*						*				14
15	66-	71			*		*					*			15
16	37-	52	*		*							*			16
17	57	51	*		*							*			17
18	69	62	*		*							*			18
19	32-	54	*		*							*			19
20	47-	56				*	*					*			20
21	65-	79		*		*						*			21
22	58	51	*		*							*			22
23	74-	75	*		*				*						23
24	69-	71				*	*		*						24
25	37	27		*			*		*						25
26	48	47		*		*			*						26
27	50-	60	*		*				*						27
28	52	39					*		*						28
29	56-	70			*		*		*						29
30	60	56			*		*		*						30

TABLE 108 (cont.)

NOVEMBER 1970

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, WRITING 2B

PART II GRADE 12 MAUI SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTION A	B	C	D	E	F	G	H	I	J	K	L	ITEM NO.
1	32-	48		*									*		1
2	45-	54				*	*						*		2
3	35-	56		*		*							*		3
4	20-	25		*			*						*		4
5	20-	30	*			*							*		5
6	49-	61		*									*		6
7	26-	28	*			*							*		7
8	27-	44			*		*							*	8
9	44-	52		*		*								*	9
10	20-	27	*			*								*	10
11	42-	59		*		*								*	11
12	32	25		*		*								*	12
13	56-	57		*		*								*	13
14	45-	58		*		*								*	14
15	44-	51			*									*	15
16	59-	68			*		*			*					16
17	54-	57		*						*					17
18	51-	61		*						*					18
19	23-	41			*		*			*					19
20	33-	39			*	*				*					20
21	53-	77					*			*					21
22	41-	52			*		*			*					22
23	78-	79		*						*					23
24	40=	40		*	*							*			24
25	52-	60		*	*							*			25
26	49-	64		*	*							*			26
27	29-	35	*		*							*			27
28	61-	67				*	*					*			28
29	51-	57				*	*					*			29
30	51-	58	*	*								*			30

10+, 48-, 2=

NO. OF ITEMS	16	28	26	21	18	7	8	8	7	15	7	8
NO. OF ITEMS BELOW	12	22	20	19	15	5	4	8	6	11	7	7
% OF ITEMS BELOW	75	79	77	90	83	71	50	100	86	73	100	88

DISTRICT TOTAL 729

CODE	DESCRIPTION	PARTS	CODE	DESCRIPTION	PARTS
A	ORGANIZATION	016	H	EDITORIAL	008
B	CONVENTIONS	028	I	REPORT	007
C	CRITICAL THINKING	026	J	ESSAY,SPEECH	015
D	EFFECTIVENESS	021	K	PERSONAL NARRATIVE	007
E	APPROPRIATENESS	018	L	CHARACTER STUDY	008
F	STORY	007			
G	ANNOUNCEMENT	008			

TABLE 109

NOVEMBER 1970

ITEM STUDY IN SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, [illegible]

PART I [illegible]

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTION A	B	C	D	E	F	G	H	I	J	K	L	ITEM NO.
1	46	38			*						*				1
2	42-	54		*							*				2
3	69-	72	*								*				3
4	26	10				*					*				4
5	45-	46					*				*				5
6	69	62	*									*			6
7	41-	49	*									*			7
8	58-	61	*									*			8
9	45-	47		*		*						*			9
10	54-	65					*					*			10
11	42-	50	*					*							11
12	42-	49	*					*							12
13	37-	41	*					*							13
14	48-	55			*			*							14
15	47-	56					*	*							15
16	29	22		*						*					16
17	59-	72	*							*					17
18	38-	46	*							*					18
19	47-	63				*				*					19
20	45-	61				*				*					20
21	41-	52	*						*				*		21
22	18-	22		*					*				*		22
23	25-	36	*						*				*		23
24	19-	26					*		*				*		24
25	20-	40			*				*				*		25
26	38-	55	*											*	26
27	22-	24					*							*	27
28	30-	34			*									*	28
29	28-	33				*								*	29
30	28-	45		*										*	30
31	18-	24					*	*	*						31
32	18-	25				*		*	*						32
33	17=	17	*					*	*						33
34	17-	24			*			*	*						34
35	17-	26	*				*	*	*						35

TABLE 109 (cont.)

NOVEMBER 1970

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, READING 4A

PART II GRADE 04 RADNOR GENERAL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	A	B	C	D	E	F	G	H	I	J	K	L	ITEM NO.
1	70	67	*						*						1
2	65-	74		*					*						2
3	30-	40				*			*						3
4	60=	60				*			*						4
5	67	64					*		*						5
6	54-	66			*					*					6
7	51-	65				*				*					7
8	47-	63		*			*			*					8
9	35-	36		*			*			*					9
10	57-	69	*							*					10
11	44-	62		*								*			11
12	39-	44					*					*			12
13	48-	71	*									*			13
14	57-	69			*							*			14
15	30-	40				*						*			15
16	51-	62	*								*				16
17	37-	38		*							*				17
18	30	12				*					*				18
19	44-	55	*								*				19
20	35-	42					*				*				20
21	33	28				*					*				21
22	48-	53			*						*				22
23	30-	44		*							*				23
24	24-	30					*				*				24
25	33	30	*								*				25
26	21-	23	*					*							26
27	27	20	*					*							27
28	25-	32				*		*							28
29	31	24		*				*							29
30	28-	34					*	*							30
31	32-	39	*								*				31
32	23-	36				*					*				32
33	26	22		*							*				33
34	19	17					*				*				34
35	28-	30			*						*				35

13+, 55-, 2=

NO. OF ITEMS	23	13	9	14	15	15	15	10	20	10	8	8	
NO. OF ITEMS BELOW	18	10	8	10	13	12	11	9	18	9	8	8	
% OF ITEMS BELOW	78	77	89	71	87	80	73	90	90	90	100	100	

DISTRICT TOTAL 541

CODE	DESCRIPTION	PARTS	CODE	DESCRIPTION	PARTS
A	REPRODUCE IDEAS	023	H	LETTER	010
B	TRANSLATE, INFERENCES	013	I	STORY	020
C	ANALYZE MOTIVATION	009	J	POETRY	010
D	ANALYZE PRESENTATION	014	K	OPINION, INTERPRET	008
E	CRITICIZE	015	L	PLAY	008
F	DIRECTIONS, ANNOUNCE	015			
G	INFORMATION, EXPLAIN	015			

NOVEMBER 1970

TABLE 110

ITEM STUDY OF SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, MATH [illegible]

PART I GRADE 04 PUBLIC SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	A	B	C	D	E	F	ITEM DESCRIPTION	ITEM NO.
1	33-	45			*					1
2	56-	75	*							2
3	27	23			*					3
4	29-	43	*							4
5	30-	44			*					5
6	23	15			*					6
7	28-	42				*		*		7
8	28-	34	*							8
9	24-	40	*							9
10	55-	69		*						10
11	25-	50					*			11
12	36-	51	*							12
13	72-	66	*							13
14	32-	48	*							14
15	7-	15	*							15
16	20	19	*							16
17	54-	57			*					17
18	68-	77			*					18
19	55-	50			*					19
20	33-	62				*				20
21	36-	50			*	*				21
22	18-	24	*							22
23	17-	30	*							23
24	42-	43			*					24
25	35-	67			*					25

TABLE 110 (cont.)

NOVEMBER 1970

ITEM STUDY OF SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, MATH 6A

PART II GRADE 04 KAUAI SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	A	B	C	D	E	F	ITEM DESCRIPTION	ITEM NO.
1	27-	50	*							1
2	28-	40	*							2
3	52	35	*							3
4	25	20	*							4
5	18-	32				*				5
6	20	16				*				6
7	41	37			*					7
8	23-	39				*				8
9	15	12		*						9
10	32-	47					*	*		10
11	25	23				*		*		11
12	36-	60	*							12
13	33-	51		*						13
14	26	16	*							14
15	27	23				*				15
16	34-	53		*						16
17	29	19	*							17
18	33	32			*					18
19	30-	45			*					19
20	32-	35	*							20
21	25-	38	*							21
22	28-	32	*							22
23	25	23	*							23
24	17-	21	*							24
25	17	15			*					25

15+, 35-, 0=

NO. OF ITEMS	23	4	14	8	2	3	
NO. OF ITEMS BELOW	17	3	9	5	2	2	
% OF ITEMS BELOW	74	75	64	63	100	67	

DISTRICT TOTAL 536

CODE	DESCRIPTION	PARTS
A	NUMBER, OPERATION	023
B	SYMBOLISM	004
C	MEASUREMENT, GEOMETRY	014
D	FUNCTION, RELATION	003
E	PROOF	002
F	PROBABILITY, STATS	003

TABLE 111

NOVEMBER 1970

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS. WRITING 4A

PART I GRADE 04 KAUAI SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM A	B	C	D	E	F	G	H	I	J	K	L		ITEM NO.
1	46	41		*					*							1
2	57	56		*					*							2
3	51	49		*			*		*							3
4	55-	57		*		*			*							4
5	31-	35		*					*							5
6	55=	55		*					*							6
7	36	25			*	*									*	7
8	35	33		*		*									*	8
9	40-	43		*											*	9
10	38-	47	*												*	10
11	24-	37		*											*	11
12	42	39		*											*	12
13	29	28				*	*			*				*		13
14	31	16	*	*						*				*		14
15	34-	42	*		*					*				*		15
16	23	22	*	*						*				*		16
17	38	36	*				*			*				*		17
18	29-	42	*		*					*				*		18
19	31	23	*	*					*							19
20	28	26		*			*		*							20
21	30-	34		*			*		*							21
22	25=	29	*	*					*							22
23	26-	32		*		*			*							23
24	50-	51		*			*		*							24
25	40-	42		*					*							25
26	30	22	*				*				*					26
27	16-	23		*		*					*					27
28	24	16	*		*						*					28
29	28	27		*		*					*					29
30	19-	25		*		*					*					30

NOVEMBER 1970

TABLE 111 (cont.)

ITEM STUDY OF SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, WRITING 4X

PART II GRADE 04 KAUAI SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTION													ITEM NO.
			A	B	C	D	E	F	G	H	I	J	K	L	M	
1	37	34		*			*					*	*			1
2	35	32		*			*					*	*			2
3	34	31	*									*	*			3
4	40	37		*	*							*	*			4
5	39-	49		*		*						*	*			5
6	30-	31		*					*							6
7	34-	41					*		*							7
8	27-	47				*			*							8
9	21-	22		*					*							9
10	31-	33		*			*		*							10
11	29	28	*	*				*								11
12	33-	34		*				*								12
13	24-	26		*		*		*								13
14	35	30		*		*		*								14
15	26-	32		*				*								15
16	32-	46		*			*	*								16
17	18	09		*				*								17
18	28-	29	*	*				*								18
19	29-	36		*		*				*				*		19
20	35-	41		*		*				*				*		20
21	30	12		*			*			*				*		21
22	30-	32		*		*				*				*		22
23	28	21					*			*				*		23
24	23	04	*							*				*		24
25	33	26	*			*				*				*		25
26	16-	21		*		*				*			*			26
27	23	16		*		*				*			*			27
28	20	16	*							*			*			28
29	24	17		*		*				*			*			29
30	26-	33		*			*			*			*			30
29+, 29-, 2=																
NO. OF ITEMS			16	45	5	14	15	8	13	14	5	5	10	12	5	
NO. OF ITEMS BELOW			4	24	2	11	6	5	11	7	2	1	5	5	3	
% OF ITEMS BELOW			25	53	40	58	40	63	61	39	40	20	37	38	60	

DISTRICT TOTAL 536

CODE	DESCRIPTION	PARTS	CODE	DESCRIPTION	PARTS
A	ORGANIZATION	016	H	STORY	016
B	CONVENTIONS	045	I	ANNOUNCEMENT	005
C	CRITICAL THINKING	005	J	REPORT	005
D	EFFECTIVENESS	019	K	ESSAY,SPEECH	013
E	APPROPRIATENESS	015	L	PERSONAL NARRATIVE	013
F	MINUTES	008	M	CHARACTER STUDY	005
G	LETTER	018			

TABLE 112

NOVEMBER 1970

ITEM STUDY OF SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, SESSION 48

PART I GRADE 06 KAUAI SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM A	B	C	D	E	F	G	H	I	J	K	L	ITEM NO.
1	87=	87	*								*		*		1
2	82	76	*								*		*		2
3	80	75	*								*		*		3
4	83-	85			*		*				*		*		4
5	69-	72									*		*		5
6	77-	79	*								*				6
7	43-	67		*							*				7
8	61-	66			*						*				8
9	65-	70					*				*				9
10	66=	66				*					*				10
11	57-	65	*									*			11
12	56-	68		*								*			12
13	27-	29			*							*			13
14	28-	36				*						*			14
15	42	00				*						*			15
16	78-	81			*				*						16
17	75=	75	*	*					*						17
18	58-	61	*						*						18
19	66=	66				*			*						19
20	63-	74					*		*						20
21	74	71	*	*				*	*						21
22	61-	70	*					*	*						22
23	71	69			*			*	*						23
24	74-	75	*					*	*						24
25	38-	46					*	*	*						25
26	49-	56	*								*				26
27	44-	45		*							*				27
28	46-	53					*				*				28
29	62	51		*							*				29
30	46-	54		*							*				30
31	51	47	*							*					31
32	18-	25		*						*					32
33	40	32			*					*					33
34	26-	37			*					*					34
35	53	44					*			*					35

NOVEMBER 1970

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, [illegible]

PART II GRADE 06 KAUAI SCHOOL DIST [illegible]

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTION A	B	C	D	E	F	G	H	I	J	K	L	ITEM NO.
1	83-	82	*								*				1
2	67-	74	*								*				2
3	71-	82		*							*				3
4	82-	90			*						*				4
5	77-	87			*	*					*				5
6	74-	85	*							*					6
7	54-	57		*						*					7
8	85-	89				*				*					8
9	60	58			*					*					9
10	86-	90				*				*					10
11	80-	84		*				*	*						11
12	63-	67	*				*	*	*						12
13	26-	34	*	*				*	*						13
14	51-	67			*			*	*						14
15	47-	69					*	*	*						15
16	58=	58	*									*			16
17	71-	77			*							*			17
18	78-	91		*								*			18
19	55-	58					*					*			19
20	63-	72			*							*			20
21	48-	67	*						*		*				21
22	40-	41	*				*		*		*				22
23	70	69			*				*		*				23
24	53-	64		*					*		*				24
25	34	33				*			*		*				25
26	64-	72		*										*	26
27	66	65	*											*	27
28	43-	57			*									*	28
29	45-	48			*									*	29
30	58-	67				*								*	30
31	61	58	*						*				*		31
32	49	40		*					*				*		32
33	39	27			*				*				*		33
34	22-	33				*			*				*		34
35	42-	44					*		*				*		35
16+, 49-, 5=															
NO. OF ITEMS			22	16	17	10	11	10	25	10	15	10	10	5	
NO. OF ITEMS BELOW			13	12	12	6	10	9	15	6	12	8	4	4	
% OF ITEMS BELOW			59	75	71	60	91	90	60	60	72	80	40	80	

DISTRICT TOTAL 547

CODE	DESCRIPTION	PARTS
A	REPRODUCE IDEAS	022
B	TRANSLATE, INFERENCES	016
C	ANALYZE MOTIVATION	017
D	ANALYZE PRESENTATION	010
E	CRITIZE	011
F	DIRECTIONS, ANNOUNCE	010
G	INFORMATION, EXPLAIN	025
H	LETTER	010
I	STORY	025
J	POETRY	010
K	OPINION, INTERPRET	010
L	PLAY	005

TABLE 113

NOVEMBER 1970

ITEM STUDY OF SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, [illegible]

PART I GRADE 05 KAUAI SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	A	B	C	D	E	F	ITEM DESCRIPTION	ITEM NO.
1	55-	67				*				1
2	23-	34				*				2
3	42-	53				*				3
4	20-	33				*				4
5	27-	48				*				5
6	54-	65					*			6
7	42	22	*							7
8	58	26	*	*						8
9	82-	89			*					9
10	77-	79		*						10
11	51-	62			*					11
12	28-	37					*			12
13	69-	72	*							13
14	33-	38						*		14
15	46=	46	*							15
16	28-	37			*					16
17	72-	79			*					17
18	49-	59	*							18
19	24-	34	*							19
20	70	62	*							20
21	51-	55				*				21
22	60-	60				*				22
23	29-	33				*				23
24	32-	60		*	*					24
25	34-	41				*				25

NOVEMBER 1970

TABLE 113 (cont.)

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, MATH 4B

PART II GRADE 04 KAUAI SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	A	B	C	D	E	F	ITEM NO.
1	44-	54			*				1
2	72-	84	*						2
3	67-	72	*						3
4	44-	55	*						4
5	41-	56	*						5
6	39-	50					*		6
7	87-	97	*						7
8	39	34				*			8
9	37-	45			*				9
10	85	80				*			10
11	50-	64				*		*	11
12	57-	60				*		*	12
13	43-	45				*		*	13
14	49-	58	*	*					14
15	27-	25	*	*					15
16	48-	55			*				16
17	67-	80	*						17
18	42-	62	*						18
19	34-	40	*						19
20	27	25				*			20
21	45	38			*				21
22	58-	67				*			22
23	38	34	*						23
24	54-	66	*		*				24
25	53-	58	*						25

84, 41-, 1=

NO. OF ITEMS	20	5	10	16	3	4
NO. OF ITEMS BELOW	15	4	9	13	3	4
% OF ITEMS BELOW	75	80	90	81	100	100

DISTRICT TOTAL 546

CODE	DESCRIPTION	PARTS
A	NUMBER,OPERATION	020
B	SYMBOLISM	005
C	MEASUREMENT,GEOMETRY	010
D	FUNCTION, RELATION	016
E	PROOF	002
F	PROBABILITY, STATS	004

TABLE 114

NOVEMBER 1970

ITEM STUDY OF SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, [illegible]

PART I GRADE 05 NAVAL SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTION A	B	C	D	E	F	G	H	I	J	K	L	M	N	ITEM NO.
1	63	59			*	*				*					*		1
2	48-	61		*		*				*					*		2
3	42-	48		*			*			*					*		3
4	49-	61		*						*					*		4
5	52-	53	*			*				*					*		5
6	43-	45	*			*				*					*		6
7	58-	60		*		*				*					*		7
8	54-	66			*	*				*							8
9	26	21				*	*			*							9
10	54-	56		*		*				*							10
11	32-	38		*		*				*							11
12	63-	67	*			*				*							12
13	67	51			*		*			*							13
14	31-	49		*		*						*					14
15	50-	52		*	*							*					15
16	40-	44			*	*						*					16
17	51-	65			*							*					17
18	29-	40	*			*						*					18
19	37-	58	*	*								*					19
20	67	55		*					*								20
21	81	76		*					*								21
22	58	55		*			*		*								22
23	49-	53				*	*		*								23
24	44-	56					*		*								24
25	45-	56		*			*		*								25
26	50	48	*		*						*						26
27	44-	52		*		*					*						27
28	45	36		*		*					*						28
29	57	55	*		*						*						29
30	51-	54		*			*				*						30

TABLE 114 (cont.)

NOVEMBER 1970

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, WRITING 4B

PART II GRADE 05 KAUAI SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTORS A	B	C	D	E	F	G	H	I	J	K	L	M	N	ITEM NO.
1	23-	40	*	*					*								1
2	49	46	*				*		*								2
3	63-	76		*			*		*								3
4	32-	40			*		*		*								4
5	42-	45		*		*			*								5
6	60-	63	*				*		*								6
7	57	56	*		*										*	*	7
8	62=	62		*		*									*	*	8
9	74-	82					*								*	*	9
10	62=	62	*		*										*	*	10
11	56-	59		*											*	*	11
12	70-	78		*		*									*	*	12
13	55-	62		*		*									*	*	13
14	47-	53		*		*		*									14
15	40-	51		*		*		*									15
16	42-	56		*	*			*									16
17	39-	54		*		*		*									17
18	46-	53		*		*		*									18
19	49	44	*		*			*									19
20	49-	54		*		*				*					*		20
21	30-	37	*			*				*					*		21
22	51-	65		*		*				*					*		22
23	34-	47		*		*				*					*		23
24	37-	52		*		*				*					*		24
25	55-	60	*				*			*					*		25
26	36-	46			*	*							*	*			26
27	56	46	*			*							*	*			27
28	43-	54		*		*							*	*			28
29	36-	41		*			*						*	*			29
30	36=	36		*		*							*	*			30

13+, 44-, 3=

NO. OF ITEMS	16	35	14	32	15	6	12	19	5	5	5	5	20	7	
NO. OF ITEMS BELOW	9	29	7	27	11	5	8	16	2	0	3	-	18	4	
% OF ITEMS BELOW	56	83	50	84	73	83	67	84	40	100	60	00	90	57	

DISTRICT TOTAL 542

CODE	DESCRIPTION	PARTS	CODE	DESCRIPTION	PARTS
A	ORGANIZATION	016	H	STORY	014
B	CONVENTIONS	035	I	ANNOUNCEMENT	005
C	CRITICAL THINKING	014	J	EDITORIAL	005
D	EFFECTIVENESS	033	K	DIRECTIONS	005
E	APPROPRIATENESS	015	L	NEWS STORY	005
F	MINUTES	006	M	PERSONAL NARRATIVE	020
G	LETTER	012	N	CHARACTER STUDY	007

TABLE 115

NOVEMBER 1970

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, READING 3A

PART I — GRADE 3A — KAUAI SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTION A	B	C	D	E	F	G	H	I	J	K	L	ITEM NO.
1	52-	54					*			*					1
2	58-	69				*				*					2
3	86-	90	*							*					3
4	67-	81		*						*					4
5	87-	95			*					*					5
6	75-	83	*					*							6
7	36-	39	*					*							7
8	51-	62				*		*							8
9	33=	33					*	*							9
10	55-	61		*				*							10
11	59-	66	*								*				11
12	72=	72				*					*				12
13	27=	27		*							*				13
14	47-	49					*				*				14
15	22	13					*				*				15
16	57-	76	*						*		*				16
17	61-	66	*						*		*				17
18	47	40			*				*		*				18
19	43=	43				*			*		*				19
20	27	16				*			*		*				20
21	48-	57	*										*		21
22	38-	53			*								*		22
23	48-	52		*									*		23
24	37-	39				*							*		24
25	27-	44					*						*		25
26	34-	49	*									*			26
27	27	24				*						*			27
28	48	56		*								*			28
29	24-	46					*					*			29
30	32	27		*	*							*			30
31	56-	61	*								*				31
32	18	15		*							*				32
33	30	24			*						*				33
34	38	31				*					*				34
35	43	35					*				*				35

NOVEMBER 1970

TABLE 115 (cont.)

ITEM STUDY OF SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, READING 3A

PART II GRADE 5 KAUAI SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTION A	B	C	D	E	F	G	H	I	J	K	L	ITEM NO.
1	63-	65	*								*				1
2	61-	73			*						*				2
3	57-	62		*							*				3
4	40-	44				*					*				4
5	38-	48				*					*				5
6	76-	84	*											*	6
7	61-	61		*										*	7
8	64-	72				*								*	8
9	48-	66					*							*	9
10	45-	56					*							*	10
11	59-	66		*		*						*			11
12	38-	40					*					*			12
13	49-	52				*						*			13
14	42	41		*								*			14
15	46-	48	*									*			15
16	41-	50	*								*				16
17	56-	74		*							*				17
18	65-	62			*						*				18
19	50-	57				*					*				19
20	69-	74					*				*				20
21	66-	70			*			*							21
22	37-	58	*					*							22
23	46-	47		*				*							23
24	52-	70				*		*							24
25	48-	51					*	*							25
26	39-	50	*							*			*		26
27	51-	67			*					*			*		27
28	46-	55				*				*			*		28
29	67-	84		*			*			*			*		29
30	28	18				*	*			*			*		30
31	37-	39		*					*						31
32	31-	38	*						*						32
33	34	28					*		*						33
34	41-	48				*			*						34
35	29=	29			*				*						35

13+, 52-, 5=

NO. OF ITEMS	16	15	10	18	15	10	10	10	23	10	10	9
NO. OF ITEMS BELOW	16	10	6	12	10	9	5	9	15	8	9	9
% OF ITEMS BELOW	100	67	60	67	67	90	50	90	65	80	90	100

DISTRICT TOTAL 658

CODE	DESCRIPTION	PARTS
A	REPRODUCE IDEAS	016
B	TRANSLATE, INFERENCE	015
C	ANALYZE MOTIVATION	010
D	ANALYZE PRESENTATION	018
E	CRITICIZE	015
F	DIRECTIONS, ANNOUNCE	010
G	INFORMATION, EXPLAIN	010
H	LETTER	010
I	STORY	023
J	POETRY	010
K	OPINION, INTERPRET	010
L	PLAY	009

TABLE 116

NOVEMBER 1970

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, [illegible]

PART I GRADE 08 [illegible] REGAL SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTION A	B	C	D	E	F	ITEM NO.
1	84	79		*					1
2	78-	80		*					2
3	48-	53		*					3
4	57-	59		*					4
5	48	37		*			*		5
6	32-	50			*				6
7	31-	47		*		*			7
8	45	44		*		*			8
9	73	67				*			9
10	53-	57				*			10
11	62-	82				*		*	11
12	66-	74				*		*	12
13	36-	40				*		*	13
14	46-	49				*		*	14
15	44-	45				*		*	15
16	22-	42				*			16
17	54-	73	*			*			17
18	32-	34	*			*			18
19	26-	30	*			*			19
20	39	36			*				20
21	49-	56				*			21
22	11=	11					*	*	22
23	25	19			*				23
24	22-	26			*				24
25	18-	29			*				25

NOVEMBER 1970

TABLE 116 (cont.)

ITEM STUDY OF SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, MATH 3A

PART II GRADE 05 KAJAI SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTION A	B	C	D	E	F	ITEM NO.
1	43-	70			*				1
2	46-	62			*				2
3	30-	50	*						3
4	38-	42				*			4
5	28-	42	*						5
6	33-	57					*		6
7	44-	56	*						7
8	30-	58	*						8
9	43	41		*		*			9
10	66-	75				*		*	10
11	39-	55				*			11
12	11-	18				*		*	12
13	29-	33				*		*	13
14	32-	49			*				14
15	40-	48			*				15
16	25-	40			*				16
17	30-	32	*						17
18	55-	67					*		18
19	39-	45			*				19
20	23-	27				*			20
21	9	04			*				21
22	10	06				*			22
23	40	36			*				23
24	25	20			*				24
25	35-	40			*				25

11+, 38-, 1=

NO. OF ITEMS	3	8	15	22	4	5
NO. OF ITEMS BELOW	8	4	10	18	2	8
% OF ITEMS BELOW	100	50	67	82	50	89

DISTRICT TOTAL 657

CODE	DESCRIPTION	PARTS
A	NUMBER,OPERATION	008
B	SYMBOLISM	008
C	MEASUREMENT,GEOMETRY	015
D	FUNCTION,RELATION	022
E	PROOF	004
F	PROBABILITY, STATS	009

TABLE 117

NOVEMBER 1970

ITEM STUDY OF SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS

PART I GRADE 04 READY SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	A	B	C	D	E	F	G	H	I	J	K	L	M	ITEM NO.
1	83=	83		*				*								1
2	68	66	*				*	*								2
3	45-	52		*		*		*								3
4	41-	60			*	*		*								4
5	71-	76		*				*								5
6	75-	71	*		*			*								6
7	52-	61	*		*						*					7
8	39-	57		*		*					*					8
9	64-	79				*	*				*					9
10	35	31		*		*					*					10
11	34-	43				*	*				*					11
12	53-	57	*			*					*					12
13	45-	67		*		*									*	13
14	33	28		*		*									*	14
15	46-	55	*		*										*	15
16	48-	61		*		*									*	16
17	42	32	*			*									*	17
18	56-	53		*		*						*		*		18
19	48-	49	*		*							*		*		19
20	39-	56		*		*						*		*		20
21	53	46				*	*					*		*		21
22	18-	27	*			*						*		*		22
23	36-	53		*		*						*		*		23
24	27	18		*								*		*		24
25	55-	58	*			*				*						25
26	43=	46		*		*				*						26
27	38-	47	*	*						*						27
28	46-	64		*			*			*						28
29	56-	68				*	*			*						29
30	49-	56	*		*					*						30

NOVEMBER 1970

TABLE 117 (cont.)

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, WRITING 3A

PART II GRADE 05 KAUAI SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTION A	B	C	D	E	F	G	H	I	J	K	L	M	ITEM NO.
1	22-	37	*	*				*				*				1
2	34	31		*		*		*				*				2
3	29-	30		*				*				*				3
4	34	30	*			*		*				*				4
5	26-	49	*			*		*				*				5
6	51-	59	*				*	*				*				6
7	63	57		*		*							*	*		7
8	31-	41		*		*							*	*		8
9	50-	60	*		*								*	*		9
10	43-	57	*	*									*	*		10
11	36-	47		*		*							*	*		11
12	54-	74	*		*								*	*		12
13	40-	52	*			*							*	*		13
14	42-	53			*		*							*	*	14
15	28	16	*			*								*	*	15
16	30-	38	*				*							*	*	16
17	41-	40	*		*									*	*	17
18	34	31	*				*							*	*	18
19	36-	41	*		*									*	*	19
20	31	30		*										*	*	20
21	39-	44	*				*		*							21
22	33-	40		*		*			*							22
23	28	22				*	*		*							23
24	54=	54	*	*					*							24
25	33-	34	*				*		*							25
26	36-	54		*			*		*							26
27	66-	73			*	*										27
28	58-	64	*			*								*		28
29	32-	38		*		*								*		29
30	47-	60	*			*								*		30

13+, 44-, 3=

NO. OF ITEMS	29	27	12	33	14	12	8	8	3	13	7	25	21
NO. OF ITEMS BELOW	23	18	12	23	10	8	4	8	3	9	6	19	7
% OF ITEMS BELOW	79	67	100	70	72	67	67	83	33	69	86	76	33

DISTRICT TOTAL 658

CODE	DESCRIPTION	PARTS	CODE	DESCRIPTION	PARTS
A	ORGANIZATION	029	H	STORY	016
B	CONVENTIONS	027	I	ANNOUNCEMENT	008
C	CRITICAL THINKING	012	J	DIRECTIONS	013
D	EFFECTIVENESS	033	K	REPORT	007
E	APPROPRIATENESS	014	L	ESSAY, SPEECH	019
F	LETTER	012	M	PERSONAL NARRATIVE	012
G	QUESTIONNAIRE	006			

TABLE 118

NOVEMBER 1970

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, READING 2A

PART I GRADE 10 KAUAI SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTION A	B	C	D	E	F	G	H	I	J	K	L	ITEM NO.
1	57	47					*							*	1
2	77	71				*								*	2
3	52	45				*								*	3
4	37-	50		*										*	4
5	84	74		*										*	5
6	85-	87	*								*				6
7	44	36			*						*				7
8	50-	51				*					*				8
9	79-	85	*	*							*				9
10	82	79				*					*				10
11	74	64		*			*		*						11
12	35-	53	*	*					*						12
13	60	41				*			*						13
14	38	36	*						*						14
15	45	43				*			*						15
16	52-	69			*								*		16
17	70=	70			*								*		17
18	52-	58				*							*		18
19	36-	47		*									*		19
20	53-	56				*							*		20
21	72-	77	*								*				21
22	76-	79					*				*				22
23	66-	73	*								*				23
24	37-	50				*					*				24
25	32-	55			*						*				25
26	68-	73		*						*			*		26
27	43-	45				*				*			*		27
28	61	50	*							*			*		28
29	34=	34			*					*			*		29
30	33	21				*				*			*		30
31	67	55			*							*			31
32	41	35				*						*			32
33	38-	43	*									*			33
34	23-	29		*								*			34
35	55	47				*						*			35

TABLE 118 (cont.)

NOVEMBER 1970

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, READING 2A

PART II GRADE 10 KAUAI SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTION A	B	C	D	E	F	G	H	I	J	K	L	ITEM NO.
1	47-	52				*		*	*						1
2	48-	58	*					*	*						2
3	27-	37		*				*	*						3
4	50	49				*		*	*						4
5	55=	55			*			*	*						5
6	78-	82	*						*		*				6
7	74-	75			*				*		*				7
8	66-	78				*			*		*				8
9	62=	62					*		*		*				9
10	41	39	*						*		*				10
11	67-	82			*					*					11
12	53-	60			*	*				*					12
13	56-	74	*							*					13
14	23-	35			*					*					14
15	27-	35	*							*					15
16	78-	81	*								*				16
17	66-	67		*							*				17
18	55-	76			*						*				18
19	22-	24			*		*				*				19
20	36	35				*					*				20
21	64-	73				*						*			21
22	75	74		*								*			22
23	47	39			*							*			23
24	70-	75	*									*			24
25	57	46					*					*			25
26	35-	44				*							*		26
27	37-	44			*								*		27
28	26-	36				*							*		28
29	39-	51	*										*		29
30	17=	17		*									*		30
31	57-	72	*											*	31
32	60-	68				*								*	32
33	70	69				*								*	33
34	57-	60	*	*										*	34
35	50-	56				*								*	35

22+, 43-, 5=

NO. OF ITEMS	18	13	15	24	6	5	15	10	20	10	15	10
NO. OF ITEMS BELOW	15	9	9	13	2	3	7	7	15	4	10	5
% OF ITEMS BELOW	83	69	60	54	33	60	47	70	75	40	67	50

DISTRICT TOTAL 614

CODE	DESCRIPTION	PARTS	CODE	DESCRIPTION	PARTS
A	REPRODUCE IDEAS	018	H	LETTER	010
B	TRANSLATE, INFERENCE	013	I	STORY	020
C	ANALYZE MOTIVATION	015	J	POETRY	010
D	ANALYZE PRESENTATION	024	K	OPINION, INTERPRET	015
E	CRITIZE	006	L	PLAY	010
F	DIRECTIONS, ANNOUNCE	005			
G	INFORMATION, EXPLAIN	015			

TABLE 119

NOVEMBER 1970

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, MATH 2A

PART I GRADE 10 KAUAI SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	A	B	C	D	E	F	ITEM DESCRIPTION	ITEM NO.
1	17-	19						*		1
2	13-	24						*		2
3	60-	64						*		3
4	13-	17				*				4
5	34-	39			*					5
6	23-	27				*				6
7	41-	50			*					7
8	38	34			*					8
9	38-	40			*					9
10	52-	65			*					10
11	55-	69				*				11
12	24-	43	*							12
13	28-	34			*					13
14	18-	20			*					14
15	11=	11				*				15
16	66-	74				*				16
17	50-	63				*				17
18	55-	61			*					18
19	24=	24		*	*					19
20	35	26				*				20
21	36-	38			*					21
22	29-	46				*				22
23	35-	45				*				23
24	35	27	*							24
25	16	15	*	*						25

TABLE 119 (cont.)

NOVEMBER 1970

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, MATH 2A

PART II GRADE 10 KAUAI SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	A	B	C	D	E	F	ITEM DESCRIPTION	ITEM NO.
1	40	37			*					1
2	54	49					*			2
3	27-	29	*	*						3
4	27	11	*	*						4
5	9-	12				*				5
6	32-	42						*		6
7	31-	32	*							7
8	27-	30				*				8
9	44-	57	*							9
10	51-	57			*					10
11	30	25		*		*				11
12	55	50			*					12
13	46-	48				*				13
14	51	50				*				14
15	42-	45				*				15
16	44-	49						*		16
17	27	21				*				17
18	57-	68					*			18
19	35-	38				*				19
20	21-	38			*					20
21	21	19			*					21
22	76-	87	*							22
23	36	33				*				23
24	31	25			*					24
25	28	27		*		*				25

15+, 33-, 2=

NO. OF ITEMS	8	6	16	19	2	5	
NO. OF ITEMS BELOW	5	1	10	12	1	5	
% OF ITEMS BELOW	63	17	63	63	50	100	

DISTRICT TOTAL 615

CODE	DESCRIPTION	PARTS
A	NUMBER,OPERATION	008
B	SYMBOLISM	006
C	MEASUREMENT,GEOMETRY	016
D	FUNCTION,RELATION	019
E	PROOF	002
F	PROBABILITY, STATS	005

TABLE 120

NOVEMBER 1970

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, WRITING 2A

PART I GRADE 10 KAUAI SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTION A	B	C	D	E	F	G	H	I	J	K	ITEM NO.
1	70	62		*		*							*	1
2	46-	56		*		*							*	2
3	41-	46		*		*							*	3
4	50	43		*									*	4
5	71	68	*			*							*	5
6	54	51		*		*							*	6
7	73	52				*	*						*	7
8	33-	35		*		*							*	8
9	47	44	*			*			*					9
10	32-	43		*		*			*					10
11	70	63		*		*			*					11
12	50-	54		*					*					12
13	53	51		*		*			*					13
14	69	66		*					*					14
15	47	37	*		*				*					15
16	38	30	*		*						*			16
17	55-	59		*		*					*			17
18	43	37		*		*					*			18
19	65	60		*		*					*			19
20	46	45	*			*					*			20
21	48=	48	*	*							*			21
22	48	45	*								*			22
23	59-	63	*		*						*			23
24	33	30				*	*	*						24
25	48-	51		*				*						25
26	56-	56		*		*		*						26
27	52	38				*	*	*						27
28	36	33	*	*				*						28
29	40	35	*			*		*						29
30	50	36	*	*				*						30

NOVEMBER 1970

TABLE 120 (cont.)

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, WRITING 2A

PART II GRADE 10 KAUAI SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTION A	B	C	D	E	F	G	H	I	J	K	ITEM NO.
1	51	37	*		*							*	*	1
2	24	12		*		*						*	*	2
3	30	21		*		*						*	*	3
4	55	54		*	*							*	*	4
5	20-	21	*	*								*	*	5
6	61	56	*		*							*	*	6
7	51	50	*		*							*	*	7
8	36-	41	*			*							*	8
9	57-	59	*		*								*	9
10	52-	56	*		*								*	10
11	59-	63		*		*							*	11
12	37	34		*		*							*	12
13	34	33		*									*	13
14	42-	61	*		*								*	14
15	28-	35	*	*								*		15
16	48-	53		*		*						*		16
17	27-	36		*								*		17
18	45	40	*		*							*		18
19	79-	84		*								*		19
20	46	38			*	*						*		20
21	48=	48		*		*						*		21
22	41	30	*				*					*		22
23	35	25	*				*			*				23
24	60	55				*	*			*				24
25	55	54				*	*			*				25
26	47-	50		*		*				*				26
27	43	34		*		*				*				27
28	23	22		*		*				*				28
29	42-	43	*		*					*				29
30	27-	44		*			*			*				30
36+, 22-, 2=														
NO. OF ITEMS			24	35	13	32	8	7	7	8	8	15	22	
NO. OF ITEMS BELOW			8	16	5	10	1	2	2	3	2	5	9	
% OF ITEMS BELOW			33	46	38	31	13	29	29	38	25	33	41	

DISTRICT TOTAL 611

CODE	DESCRIPTION	PARTS
A	ORGANIZATION	024
B	CONVENTIONS	035
C	CRITICAL THINKING	013
D	EFFECTIVENESS	032
E	APPROPRIATENESS	008
F	MINUTES	007
G	DIRECTIONS	007

CODE	DESCRIPTION	PARTS
H	NEWS STORY	008
I	REPORT	008
J	ESSAY, SPEECH	015
K	PERSONAL NARRATIVE	022

TABLE 121

NOVEMBER 1970

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, READING 23

PART I GRADE 12 KAUAI SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTION A	B	C	D	E	F	G	H	I	J	K	L	ITEM NO.
1	53-	57			*									*	1
2	68-	73	*											*	2
3	63-	73				*								*	3
4	71-	85		*										*	4
5	69	67		*										*	5
6	70-	79	*										*		6
7	86-	89					*						*		7
8	59-	70			*								*		8
9	62-	72					*						*		9
10	71	66				*							*		10
11	70-	95			*		*			*					11
12	65-	82		*						*					12
13	67-	75				*				*					13
14	43-	52	*							*					14
15	76-	82			*					*					15
16	80	79	*	*							*				16
17	77=	77	*	*							*				17
18	69-	74			*						*				18
19	64-	75					*				*				19
20	42-	49				*					*				20
21	60	58	*											*	21
22	55-	63		*										*	22
23	55-	60			*									*	23
24	60-	72		*										*	24
25	33-	51				*								*	25
26	73-	78	*					*							26
27	66	58		*				*							27
28	58	52				*		*							28
29	54	52			*			*							29
30	50-	57					*	*							30
31	74-	85	*						*				*		31
32	48-	51			*				*				*		32
33	45-	54				*			*				*		33
34	53-	58					*		*				*		34
35	52	51		*					*				*		35

TABLE 121 (cont.)

NOVEMBER 1970

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, READING 28

PART II GRADE 12 KAUAI SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTION A	B	C	D	E	F	G	H	I	J	K	L	ITEM NO.
1	87-	95			*				*						1
2	87-	98		*					*						2
3	84-	95			*				*						3
4	42-	59				*			*						4
5	53	48					*		*						5
6	71	88		*								*			6
7	57=	57		*								*			7
8	42-	54				*						*			8
9	66-	88	*									*			9
10	60	46					*					*			10
11	69-	78	*		*								*		11
12	55-	70		*									*		12
13	67-	79	*										*		13
14	50=	50				*							*		14
15	41=	41					*						*		15
16	75-	78	*					*							16
17	74-	86					*	*							17
18	41-	53					*	*							18
19	83-	94				*		*							19
20	34-	37					*	*							20
21	35-	59			*					*					21
22	53-	60	*							*					22
23	39-	51					*			*					23
24	55	51				*				*					24
25	37-	43		*						*					25
26	57	53	*								*				26
27	75-	79	*								*				27
28	78	76		*							*				28
29	43-	50			*						*				29
30	28-	35				*					*				30
31	82-	87	*											*	31
32	60-	66					*							*	32
33	42-	69					*							*	33
34	46	38		*										*	34
35	38-	42				*								*	35

15+, 51-, 4=

NO. OF ITEMS	16	16	13	14	15	10	10	10	10	5	15	15	
NO. OF ITEMS BELOW	12	7	12	10	12	7	8	9	6	2	11	12	
% OF ITEMS BELOW	75	44	92	71	80	70	80	90	60	40	73	80	

DISTRICT TOTAL 534

CODE	DESCRIPTION	PARTS
A	REPRODUCE IDEAS	016
B	TRANSLATE, INFERENCE	016
C	ANALYZE MOTIVATION	013
D	ANALYZE PRESENTATION	014
E	CRITICIZE	015
F	DIRECTIONS, ANNOUNCE	010
G	INFORMATION, EXPLAIN	010
H	LETTER	010
I	STORY	010
J	POETRY	005
K	OPINION, INTERPRET	015
L	PLAY	015

TABLE 122

NOVEMBER 1970

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, MATH 26

PART I GRADE 12 KAUAI SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	A	B	C	D	E	F	ITEM DESCRIPTION	ITEM NO.
1	65-	68	*							1
2	30-	32	*							2
3	52-	54	*							3
4	26-	33				*				4
5	50-	55						*		5
6	41-	45				*				6
7	38-	46				*				7
8	59-	71	*							8
9	23-	24				*				9
10	65-	71				*				10
11	55-	56	*							11
12	39-	49	*							12
13	44-	60	*							13
14	37-	39		*	*					14
15	38-	41	*							15
16	91-	96				*				16
17	52-	63				*				17
18	28-	38						*		18
19	38-	56				*				19
20	44-	45				*				20
21	54	44				*				21
22	30	27				*				22
23	25-	26				*				23
24	36	24				*				24
25	38-	41		*		*				25

TABLE 122 (cont.)

NOVEMBER 1970

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, MATH 2B

PART II GRADE 12 KAUAI SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL. NORM	A	B	C	D	E	F	ITEM DESCRIPTION	ITEM NO.
1	47-	57	*							1
2	29	22	*	*						2
3	43-	46				*				3
4	28-	34				*				4
5	32=	32			*					5
6	30-	34			*					6
7	48	47				*				7
8	47-	71	*							8
9	35-	54	*							9
10	51-	66	*							10
11	32	30			*					11
12	36-	42	*							12
13	58-	62						*		13
14	57	51						*		14
15	28	24						*		15
16	74-	79				*				16
17	67	63	*							17
18	29-	33			*					18
19	56	53		*		*				19
20	63-	69						*		20
21	18-	21						*		21
22	58=	58					*	*		22
23	43	41	*							23
24	34-	43				*				24
25	22-	27		*		*				25
11+, 37-, 2=										
NO. OF ITEMS			16	5	5	21	1	8		
NO. OF ITEMS BELOW			13	3	3	16		5		
% OF ITEMS BELOW			81	60	60	76		63		

DISTRICT TOTAL 538

CODE	DESCRIPTION	PARTS
A	NUMBER,OPERATION	016
B	SYMBOLISM	005
C	MEASUREMENT,GEOMETRY	005
D	FUNCTION,RELATION.	021
E	PROOF	001
F	PROBABILITY, STATS	008

TABLE 123

NOVEMBER 1970

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, WRITING 2B

PART I GRADE 12 KAUAI SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTION A	B	C	D	E	F	G	H	I	J	K	L	ITEM NO.
1	72-	74		*		*		*							1
2	22-	42		*			*	*							2
3	59	47	*		*			*							3
4	69-	75		*				*							4
5	79	78				*	*	*							5
6	59-	68		*		*		*							6
7	41-	67		*		*		*							7
8	44-	68	*		*						*				8
9	43-	56		*							*				9
10	59-	67		*	*						*				10
11	65-	69		*	*						*				11
12	54	50	*		*						*				12
13	69	56		*							*				13
14	50-	55	*		*						*				14
15	64-	71			*		*					*			15
16	43-	52	*		*							*			16
17	60	51	*		*							*			17
18	66	62	*		*							*			18
19	35-	54	*		*							*			19
20	48-	56				*	*					*			20
21	69-	79		*		*						*			21
22	60	51	*		*							*			22
23	76	75	*		*				*						23
24	63-	71				*	*		*						24
25	35	27		*			*		*						25
26	49	47		*		*			*						26
27	54-	60	*		*				*						27
28	50	39					*		*						28
29	59-	70			*		*		*						29
30	55-	56			*		*		*						30

TABLE 123 (cont.)

NOVEMBER 1970

ITEM STUDY ON SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, WRITING 2B

PART II GRADE 12 KAUAI SCHOOL DISTRICT

ITEM NO.	% RESP CORRECT	PUBL NORM	ITEM DESCRIPTION A	B	C	D	E	F	G	H	I	J	K	L	ITEM NO.
1	41-	48		*									*		1
2	47-	54				*	*						*		2
3	35-	56		*		*							*		3
4	18-	25		*			*						*		4
5	24-	30	*			*							*		5
6	56-	61		*									*		6
7	25-	28	*			*							*		7
8	32-	44			*		*							*	8
9	42-	52		*		*								*	9
10	23-	27	*			*								*	10
11	36-	59		*		*								*	11
12	32	25		*		*								*	12
13	58	57		*		*								*	13
14	49-	58		*		*								*	14
15	43-	51			*									*	15
16	59-	68			*		*			*					16
17	61	57		*						*					17
18	58-	61		*						*					18
19	25-	41			*		*			*					19
20	41	39			*	*				*					20
21	68-	77					*			*					21
22	49-	52			*		*			*					22
23	85	79		*						*					23
24	42	40		*	*							*			24
25	56-	60		*	*							*			25
26	53-	64		*	*							*			26
27	32-	39	*		*							*			27
28	63-	67				*	*					*			28
29	58	57				*	*					*			29
30	52-	58	*	*								*			30
18+, 42-, 0=															
NO. OF ITEMS			16	28	26	21	18	7	8	8	7	15	7	8	
NO. OF ITEMS BELOW			10	20	18	15	14	5	4	5	5	10	7	6	
% OF ITEMS BELOW			63	71	69	71	78	71	50	63	71	67	100	75	

DISTRICT TOTAL 536

CODE	DESCRIPTION	PARTS	CODE	DESCRIPTION	PARTS
A	ORGANIZATION	016	H	EDITORIAL	008
B	CONVENTIONS	028	I	REPORT	007
C	CRITICAL THINKING	026	J	ESSAY,SPEECH	015
D	EFFECTIVENESS	021	K	PERSONAL NARRATIVE	007
E	APPROPRIATENESS	018	L	CHARACTER STUDY	008
F	STORY	007			
G	ANNOUNCEMENT	008			